

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044413.D
 Acq On : 10 Aug 2021 15:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 01:10:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 11 01:08:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	161044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	84966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49058	3.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.912	69	59869	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.565	65	23499	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.642	46	166957	41.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.680%
24) Chloroform-d	5.070	84	123288	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.710	65	63795	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	245756	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.697	67	75951	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.902	98	223713	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.185	79	24012	3.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.642	63	151996	41.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	65005	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	84731	5.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	65331	4.529	ug/L	100
3) Chloromethane	1.520	50	68450	4.404	ug/L	100
5) Vinyl chloride	1.604	62	77257	4.743	ug/L	100
6) Bromomethane	1.858	94	44176	4.817	ug/L	96
8) Chloroethane	1.935	64	50079	5.325	ug/L	97
9) Trichlorofluoromethane	2.137	101	96508	5.385	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54773	5.062	ug/L	97
12) 1,1-Dichloroethene	2.581	96	49046	4.635	ug/L	90
13) Acetone	2.652	43	90847	47.815	ug/L	99
14) Carbon disulfide	2.793	76	123020	3.561	ug/L	98
15) Methyl Acetate	2.964	43	22659	5.222	ug/L #	85
16) Methylene chloride	3.051	84	64137	4.546	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	140512	4.847	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	53376	4.718	ug/L	93
19) 1,1-Dichloroethane	3.874	63	99135	4.861	ug/L	100
21) 2-Butanone	4.719	43	153950	43.652	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	61416	4.968	ug/L	96
23) Bromochloromethane	4.980	128	28378	5.299	ug/L	89
25) Chloroform	5.096	83	106493	5.071	ug/L	97

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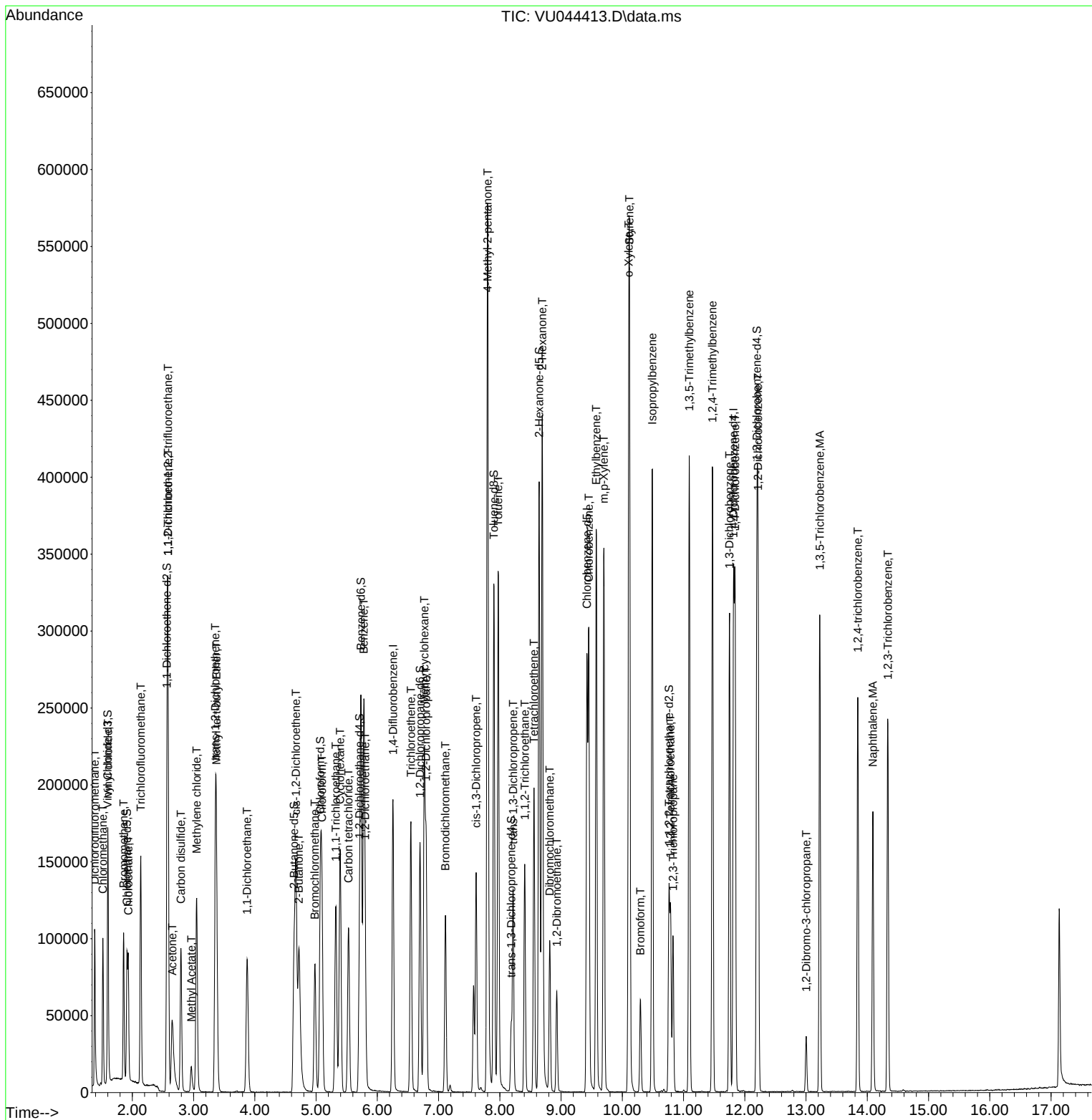
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 ClientSampleId :

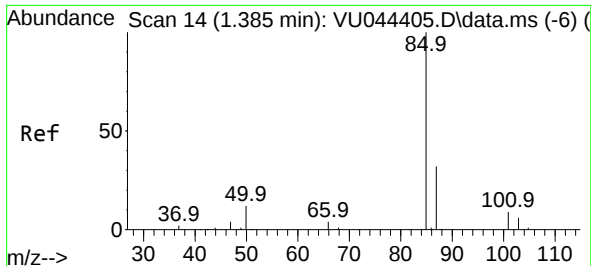
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68372	4.982	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	86644	5.008	ug/L	100
30) Cyclohexane	5.395	56	78131	3.865	ug/L	94
31) Carbon tetrachloride	5.530	117	71511	4.943	ug/L	97
33) Benzene	5.780	78	228394	4.712	ug/L	100
34) Trichloroethene	6.549	95	59797	4.933	ug/L	95
35) Methylcyclohexane	6.768	83	90264	4.267	ug/L	96
37) 1,2-Dichloropropane	6.796	63	59102	4.785	ug/L	98
38) Bromodichloromethane	7.112	83	75799	5.068	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	84490	4.700	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	376153	43.398	ug/L	98
42) Toluene	7.973	91	249791	4.927	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	72438	4.737	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	47827	5.217	ug/L	96
47) Tetrachloroethene	8.558	164	45421	5.103	ug/L	97
48) 2-Hexanone	8.693	43	275374	43.941	ug/L	98
49) Dibromochloromethane	8.816	129	52668	5.382	ug/L	94
50) 1,2-Dibromoethane	8.931	107	45085	5.072	ug/L	97
51) Chlorobenzene	9.452	112	159949	5.098	ug/L	98
52) Ethylbenzene	9.574	91	265933	4.924	ug/L	97
53) m,p-Xylene	9.700	106	105483	5.050	ug/L	97
54) o-Xylene	10.105	106	102773	5.053	ug/L	97
55) Styrene	10.118	104	175298	5.038	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	58199	4.830	ug/L #	97
59) Bromoform	10.295	173	28517	5.292	ug/L	98
60) Isopropylbenzene	10.491	105	269504	4.959	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	42123	4.624	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	223651	4.913	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	228627	4.895	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	127258	5.113	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	127095	5.010	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	122404	5.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	8817	4.474	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	93400	5.024	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	77480	4.923	ug/L	99
71) Naphthalene	14.092	128	146095	4.726	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	74918	5.252	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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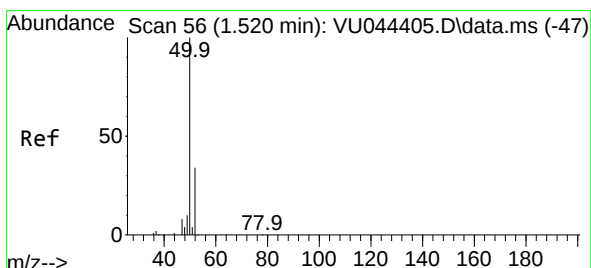
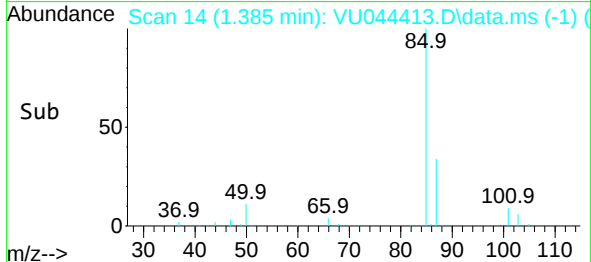
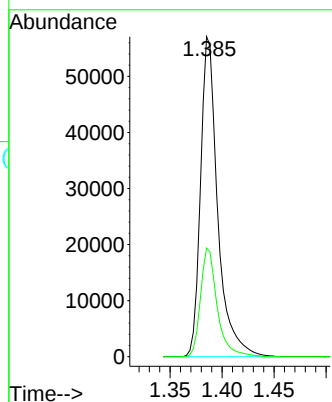
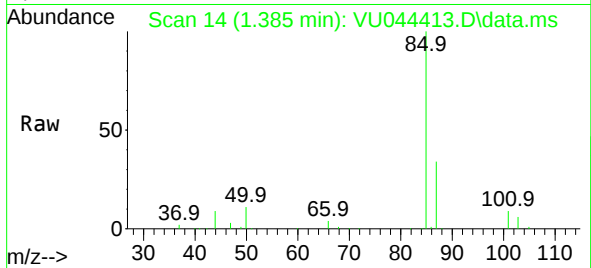




#2
Dichlorodifluoromethane
Concen: 4.529 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

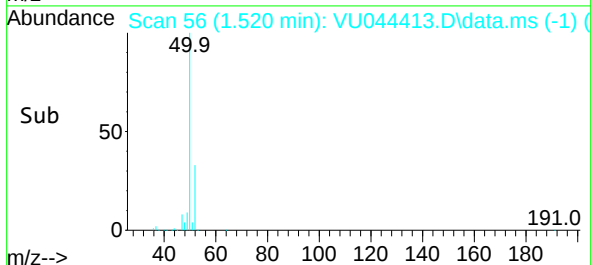
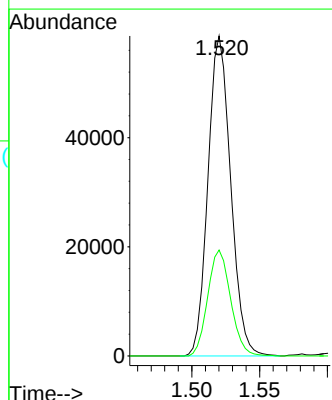
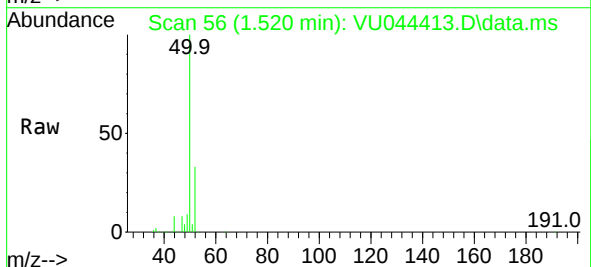
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MSVOA_U
ClientSampled :

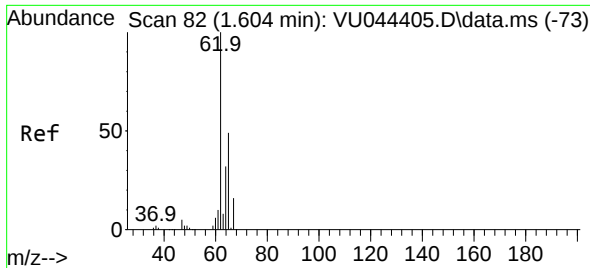
Tgt Ion: 85 Resp: 65331
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.2



#3
Chloromethane
Concen: 4.404 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 50 Resp: 68450
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0

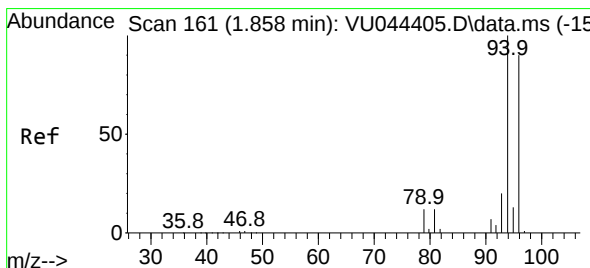
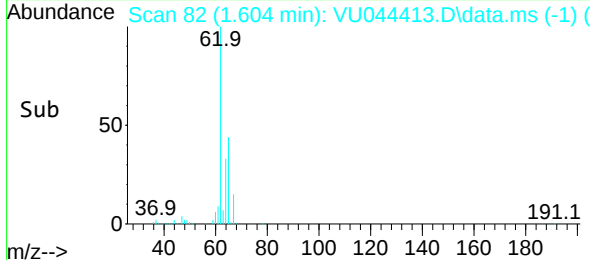
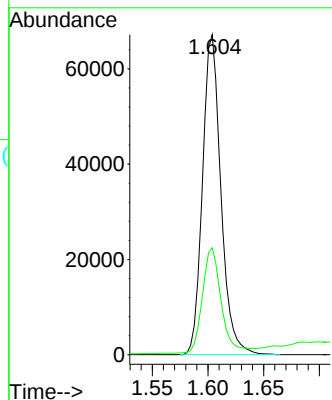
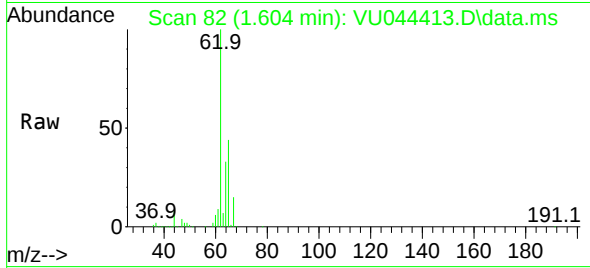




#5
 Vinyl chloride
 Concen: 4.743 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044413.D
 Acq: 10 Aug 2021 15:24

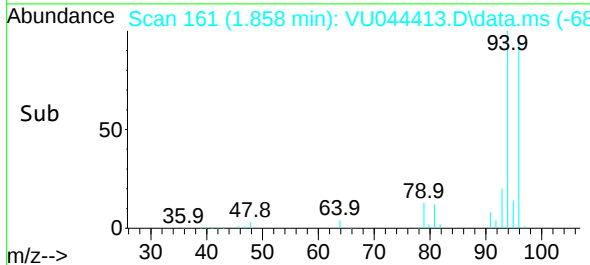
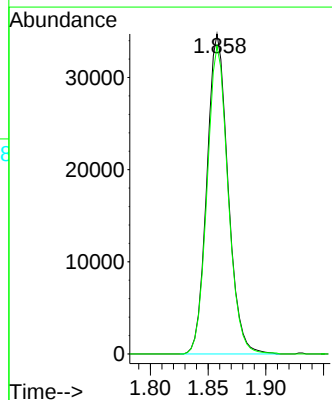
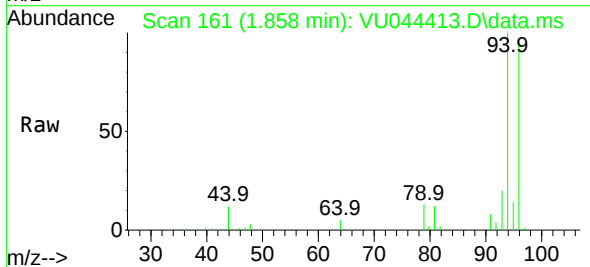
Instrument :
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 ClientSampled :

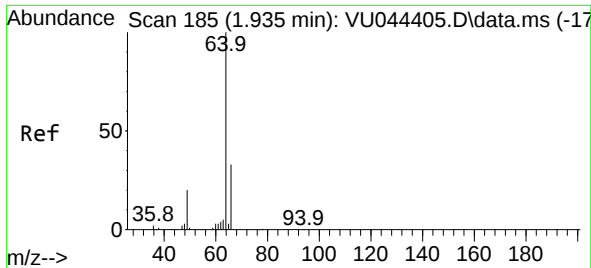
Tgt Ion: 62 Resp: 77257
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 4.817 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU044413.D
 Acq: 10 Aug 2021 15:24

Tgt Ion: 94 Resp: 44176
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.5 119.9

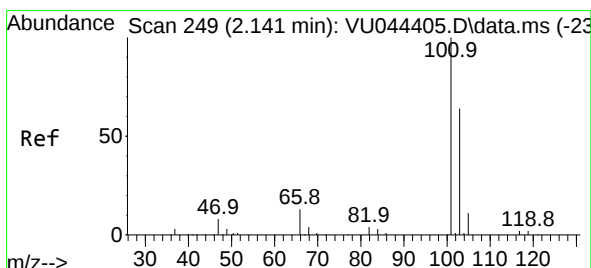
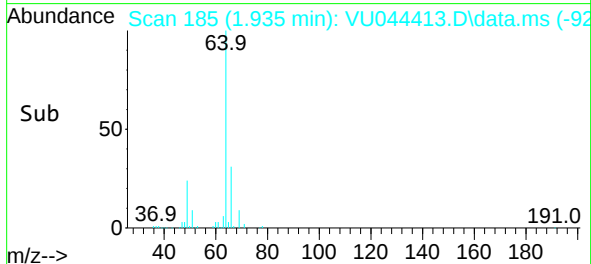
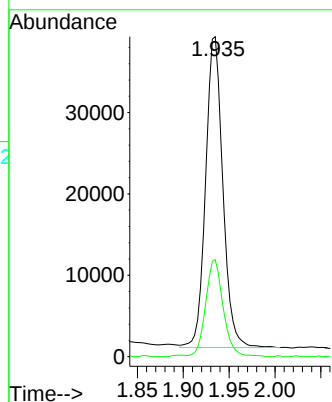
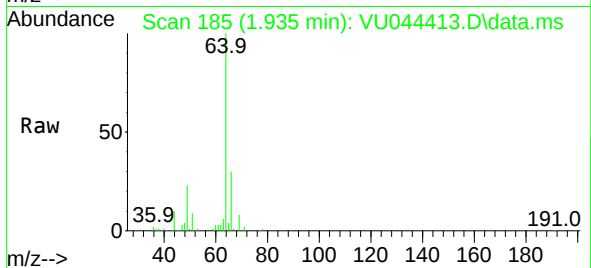




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

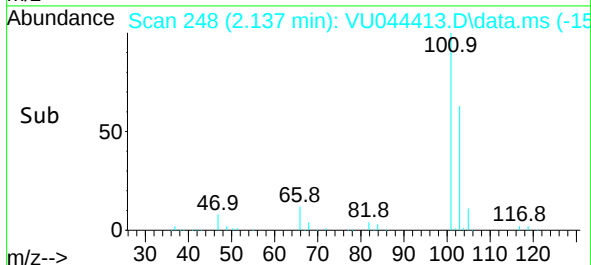
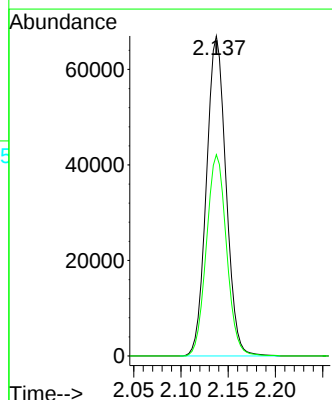
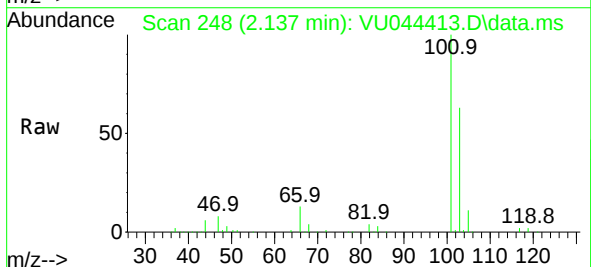
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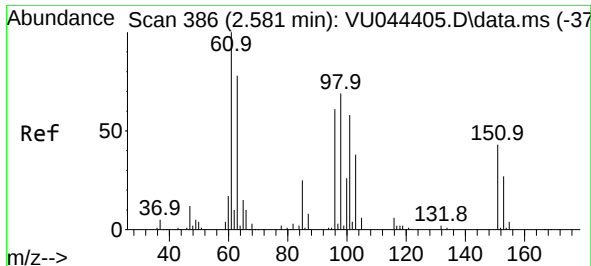
Tgt Ion: 64 Resp: 50079
Ion Ratio Lower Upper
64 100
66 30.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.385 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion:101 Resp: 96508
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.062 ug/L

RT: 2.581 min Scan# 386

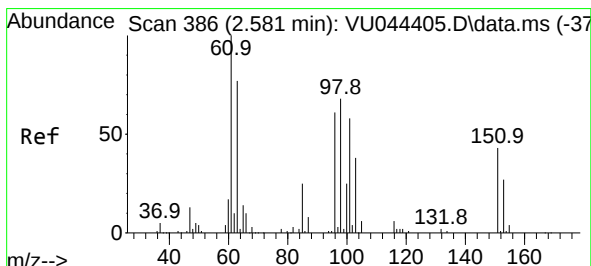
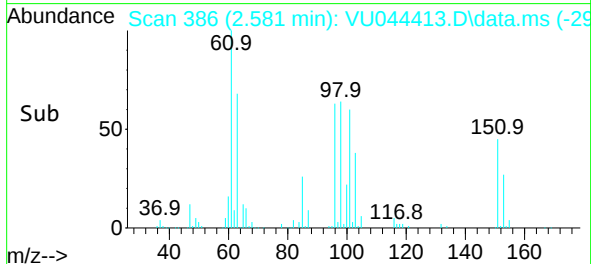
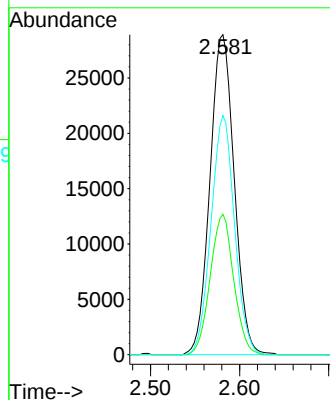
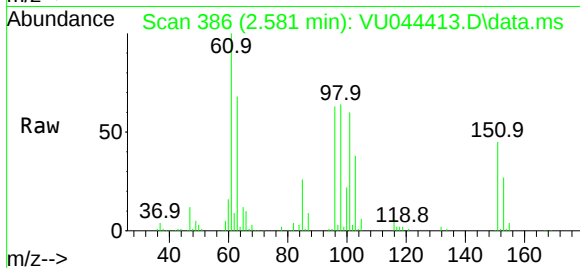
Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion:	101	Resp:	54773
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	72.5	54.8	82.2

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.635 ug/L

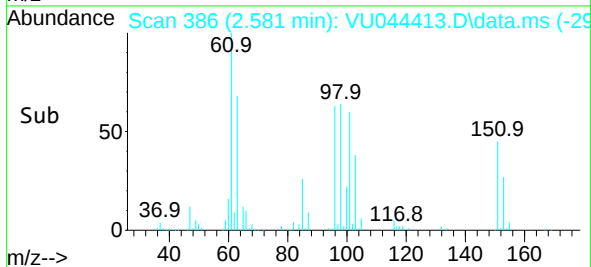
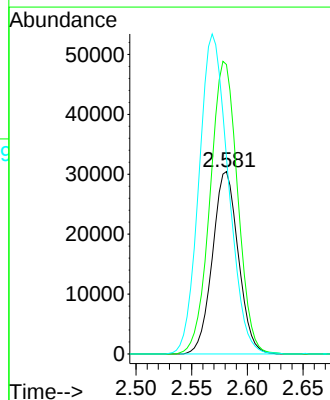
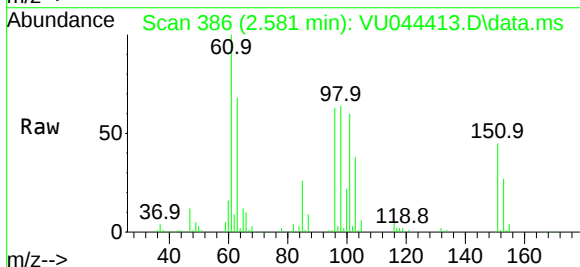
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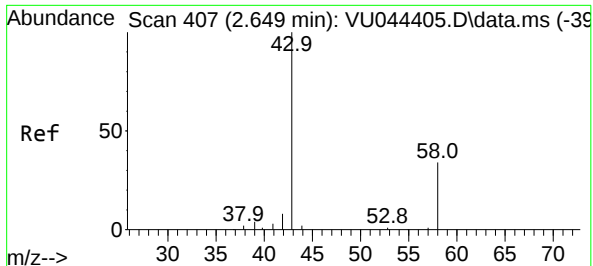
Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion:	96	Resp:	49046
Ion Ratio	Lower	Upper	
96	100		
61	158.8	118.3	219.7
63	107.9	85.7	159.1

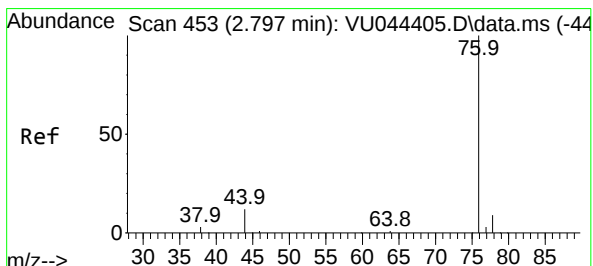
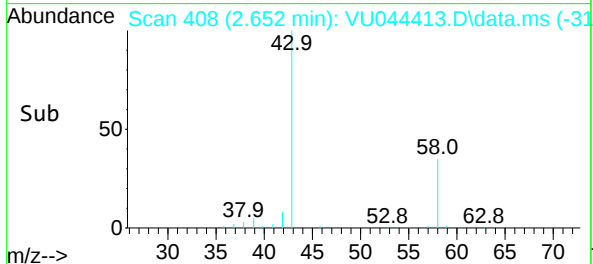
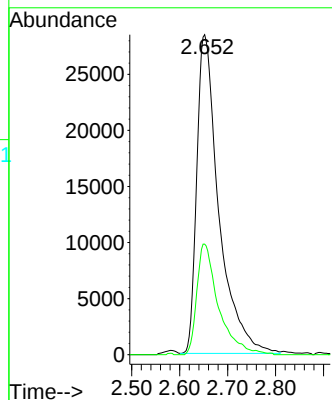
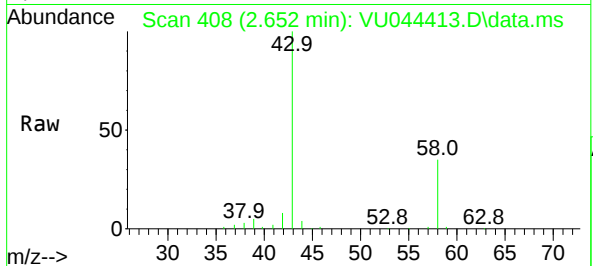




#13
Acetone
Concen: 47.815 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

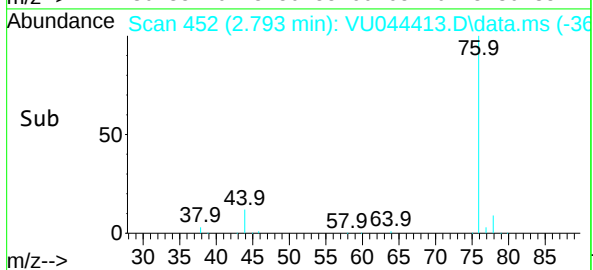
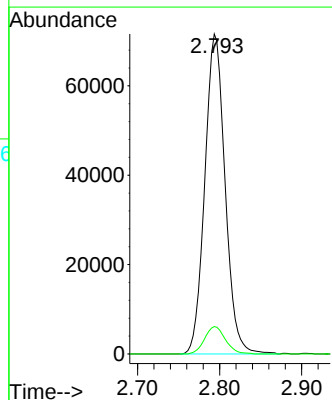
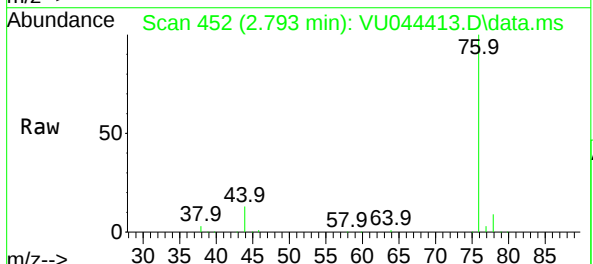
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ClientSampleId :

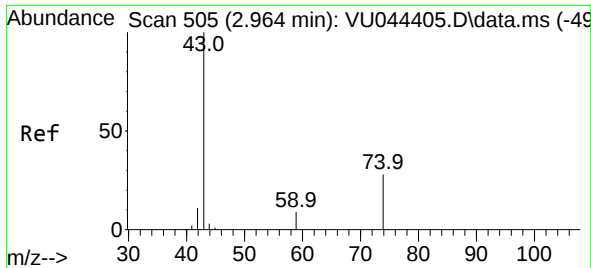
Tgt Ion: 43 Resp: 90847
Ion Ratio Lower Upper
43 100
58 34.0 0.0 67.2



#14
Carbon disulfide
Concen: 3.561 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 76 Resp: 123020
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

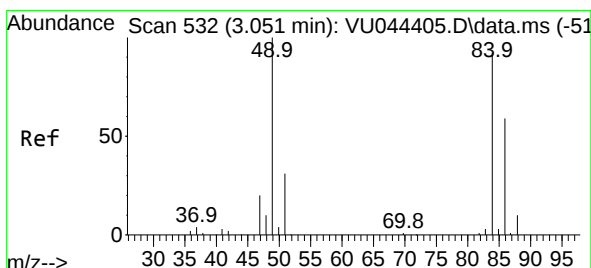
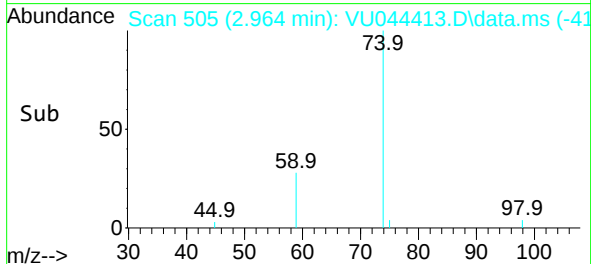
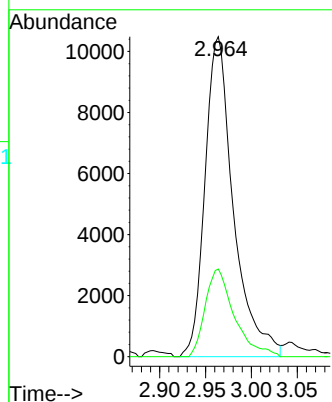
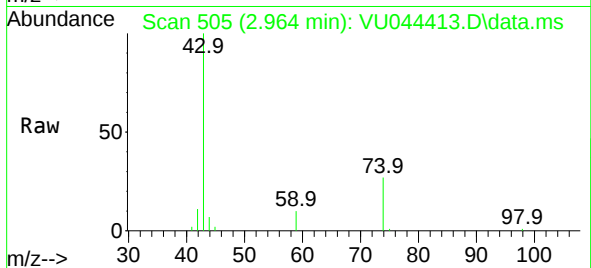




#15
Methyl Acetate
Concen: 5.222 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

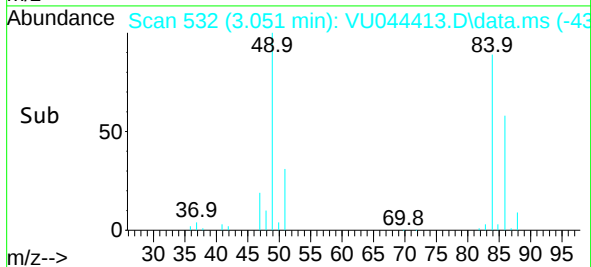
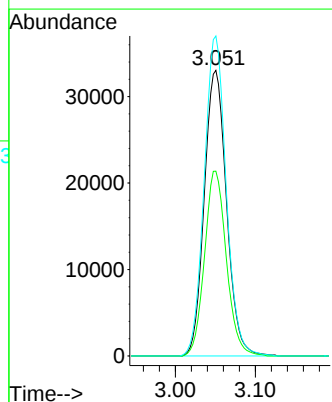
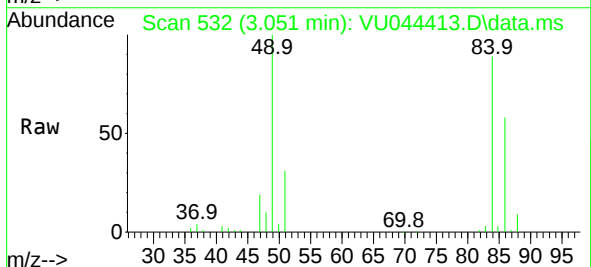
Instrument :
MSVOA_U
ClientSampleId :

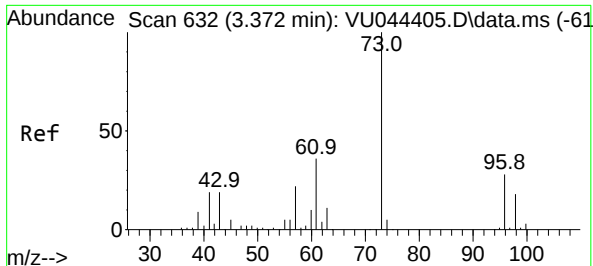
Tgt Ion: 43 Resp: 22659
Ion Ratio Lower Upper
43 100
74 27.9 16.7 25.1#



#16
Methylene chloride
Concen: 4.546 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 84 Resp: 64137
Ion Ratio Lower Upper
84 100
86 64.7 45.2 84.0
49 112.0 81.8 152.0



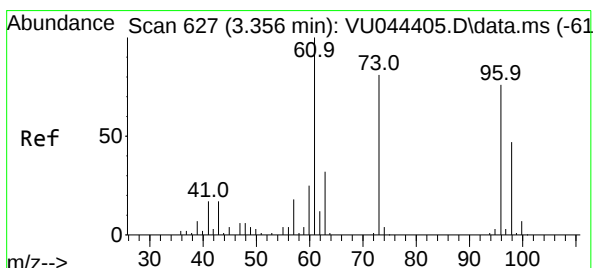
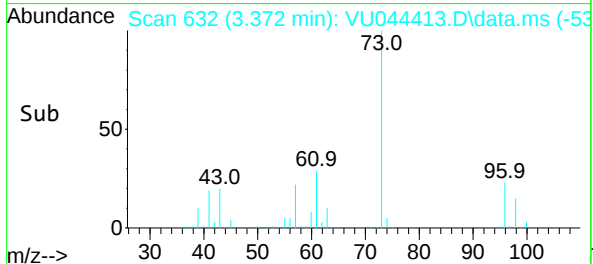
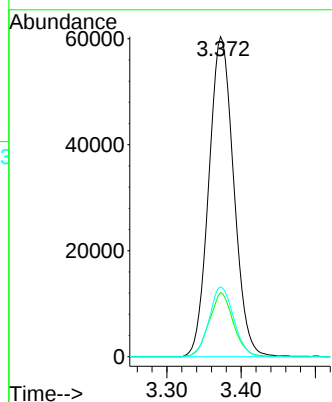
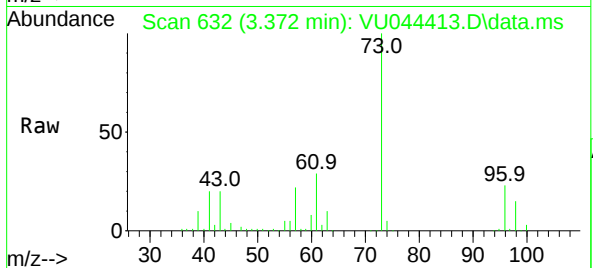


#17

Methyl tert-butyl Ether
Concen: 4.847 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :

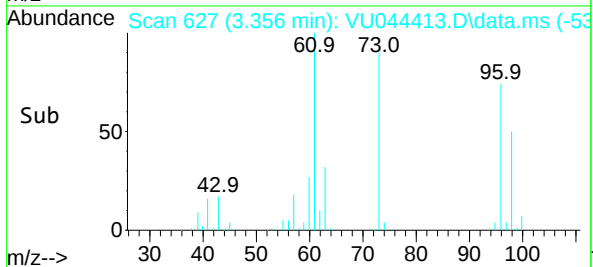
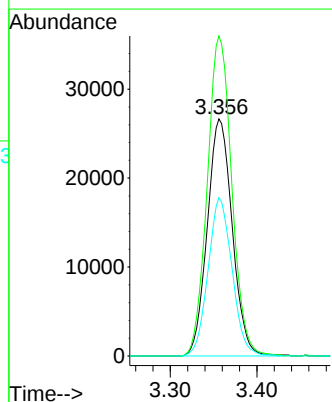
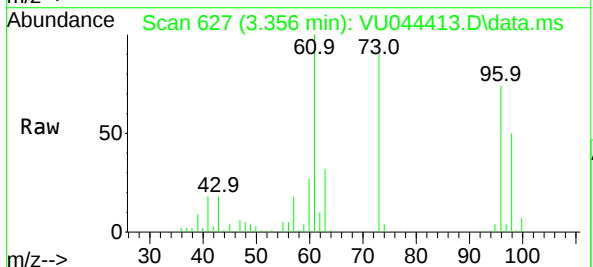
Tgt Ion: 73 Resp: 140512
Ion Ratio Lower Upper
73 100
43 19.6 15.3 22.9
57 21.6 17.4 26.0

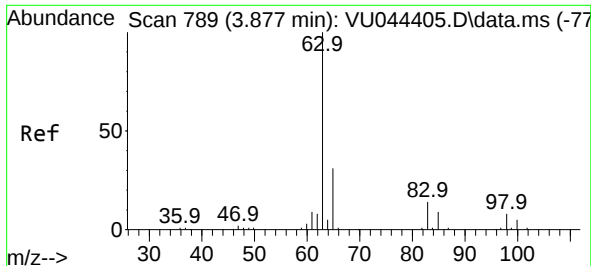


#18

trans-1,2-Dichloroethene
Concen: 4.718 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 96 Resp: 53376
Ion Ratio Lower Upper
96 100
61 134.9 101.4 188.4
98 66.8 44.4 82.4





#19

1,1-Dichloroethane

Concen: 4.861 ug/L

RT: 3.874 min Scan# 788

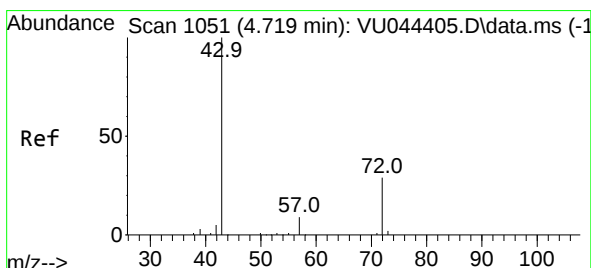
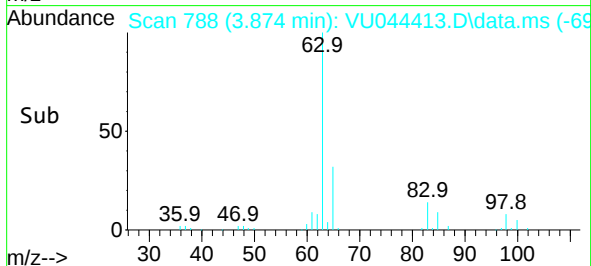
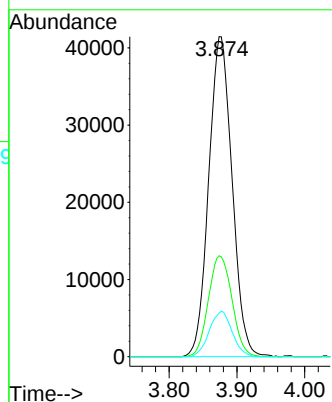
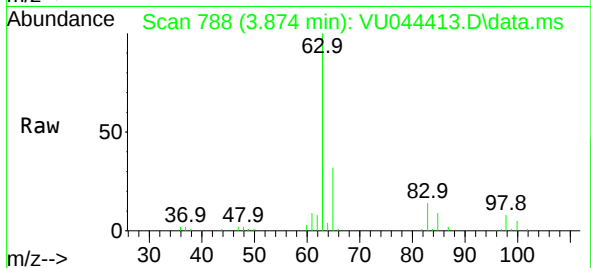
Delta R.T. -0.003 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion: 63	Resp: 99135
Ion Ratio	Lower Upper
63 100	
65 31.6	22.1 41.1
83 13.6	9.7 17.9

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 43.652 ug/L

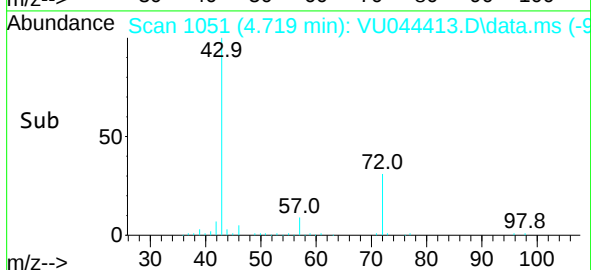
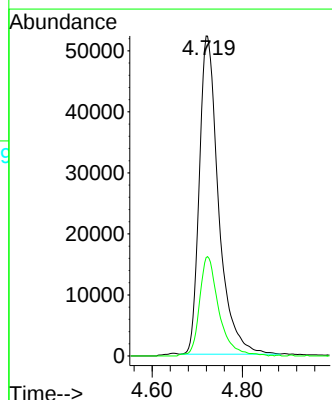
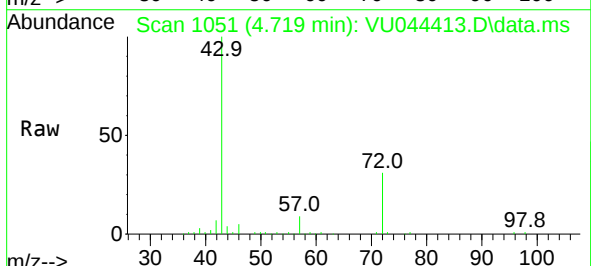
RT: 4.719 min Scan# 1051

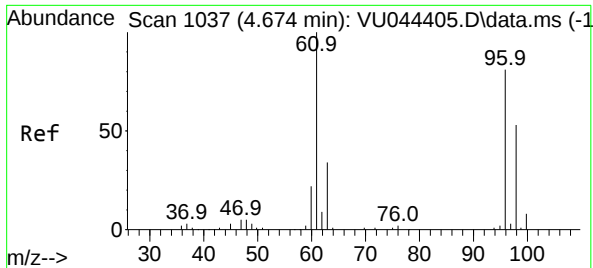
Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion: 43	Resp: 153950
Ion Ratio	Lower Upper
43 100	
72 31.5	14.4 43.2

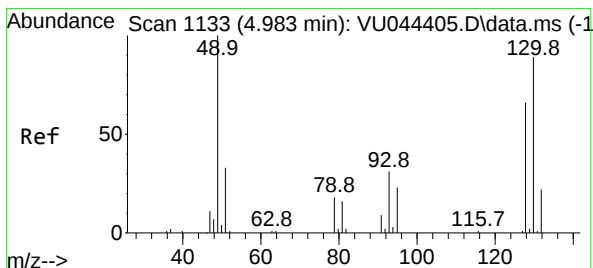
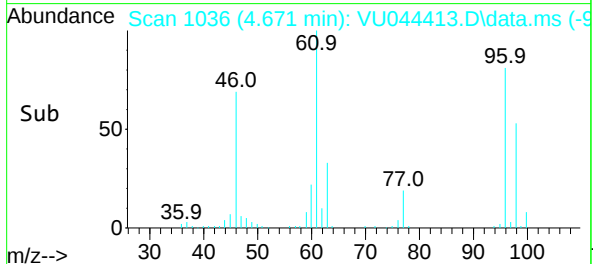
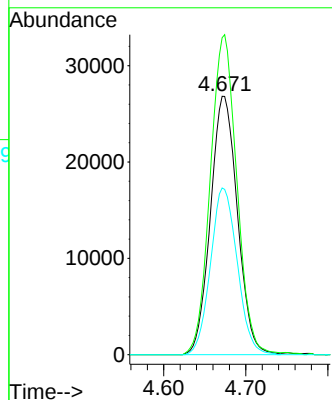
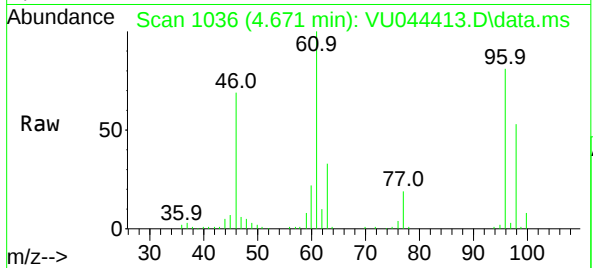




#22
cis-1,2-Dichloroethene
Concen: 4.968 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

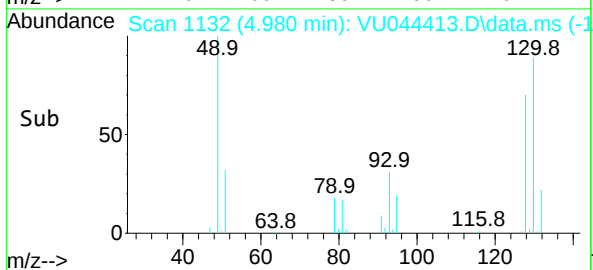
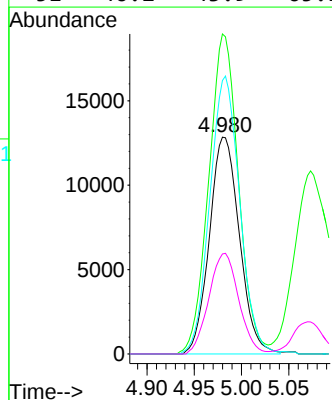
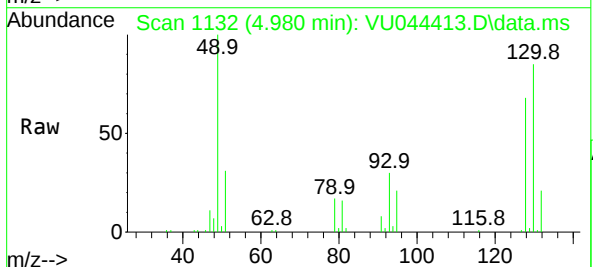
Instrument :
MSVOA_U
ClientSampled :

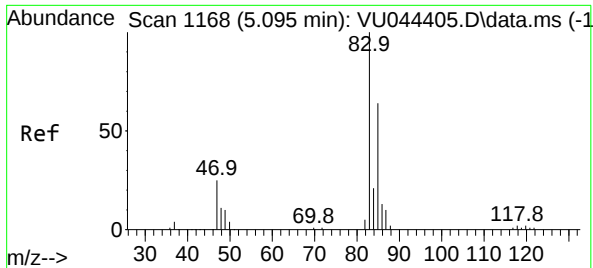
Tgt Ion: 96 Resp: 61416
Ion Ratio Lower Upper
96 100
61 122.7 89.9 166.9
98 64.6 44.1 81.9



#23
Bromochloromethane
Concen: 5.299 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 128 Resp: 28378
Ion Ratio Lower Upper
128 100
49 147.6 117.4 218.0
130 126.2 93.6 173.8
51 46.2 43.9 65.9





#25

Chloroform

Concen: 5.071 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

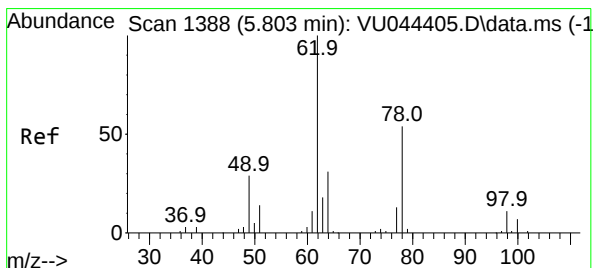
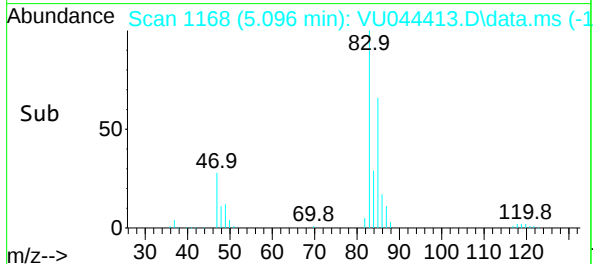
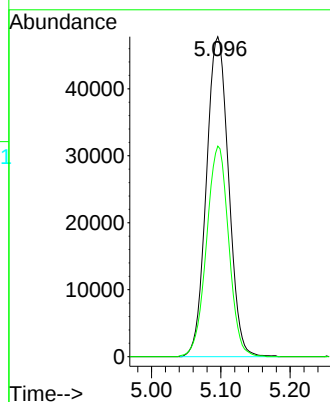
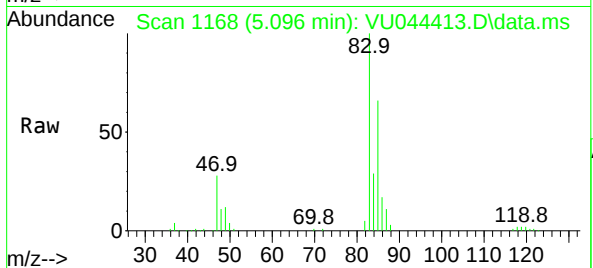
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 106493

Ion Ratio Lower Upper

83 100

85 65.8 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.982 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044413.D

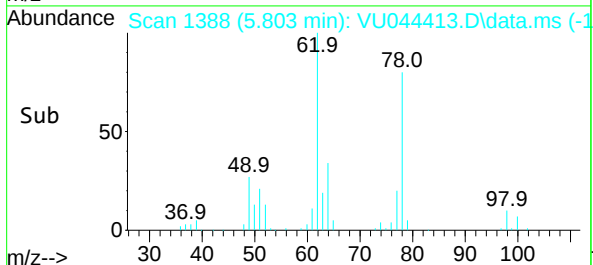
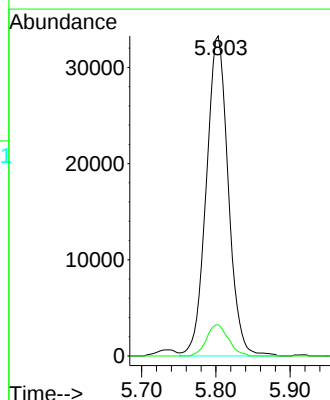
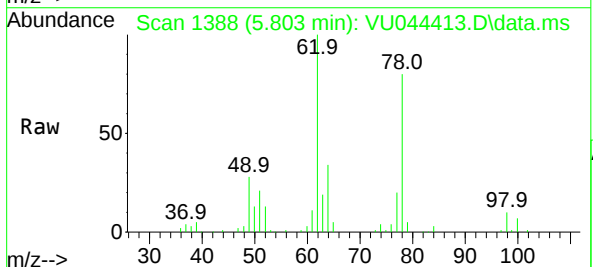
Acq: 10 Aug 2021 15:24

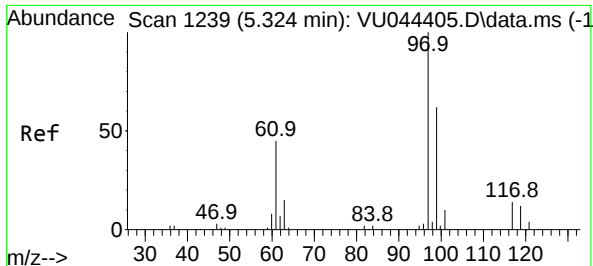
Tgt Ion: 62 Resp: 68372

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6

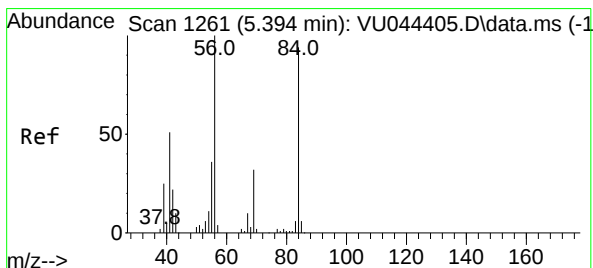
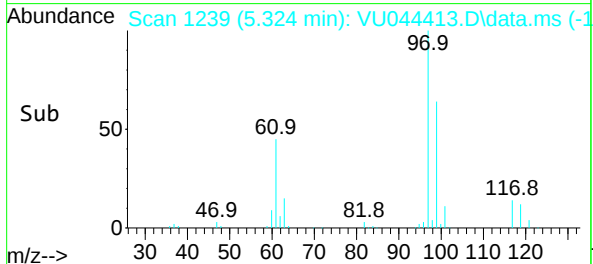
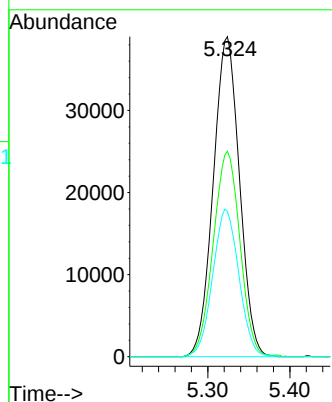
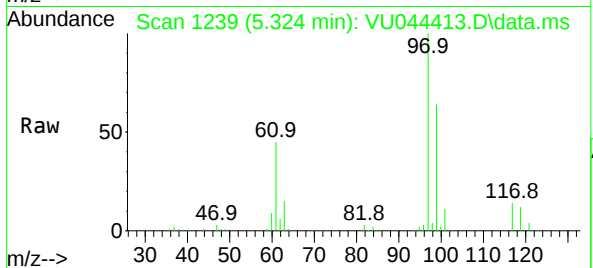




#29
1,1,1-Trichloroethane
Concen: 5.008 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

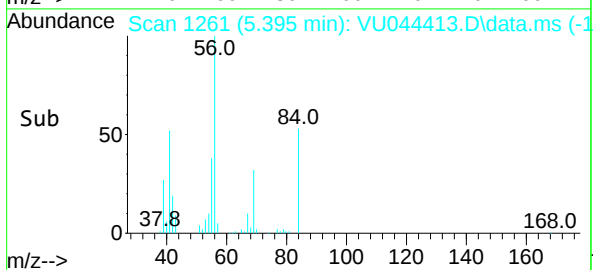
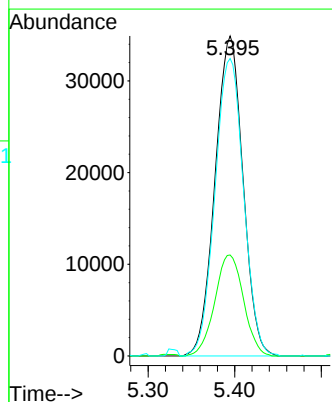
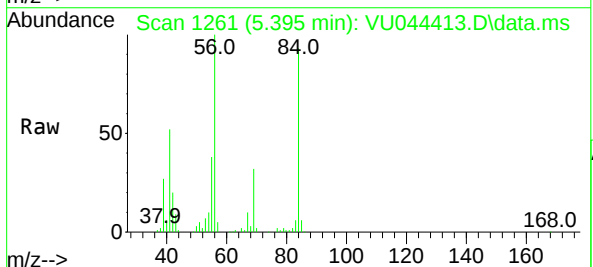
Instrument :
MSVOA_U
ClientSampled :

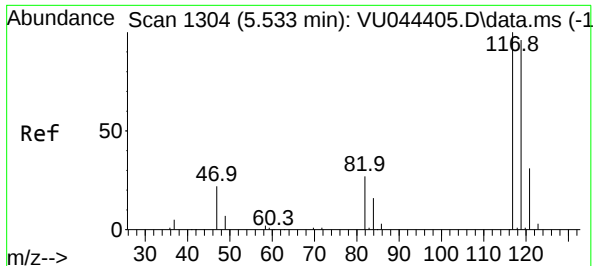
Tgt Ion: 97 Resp: 86644
Ion Ratio Lower Upper
97 100
99 65.4 52.6 78.8
61 46.0 36.9 55.3



#30
Cyclohexane
Concen: 3.865 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 56 Resp: 78131
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 95.1 71.0 106.6

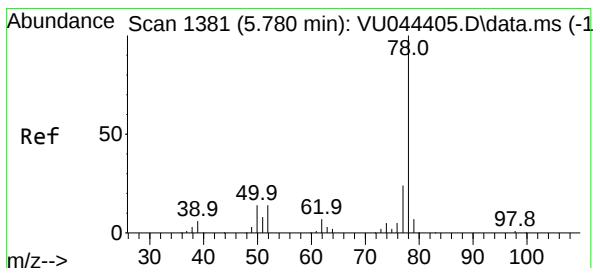
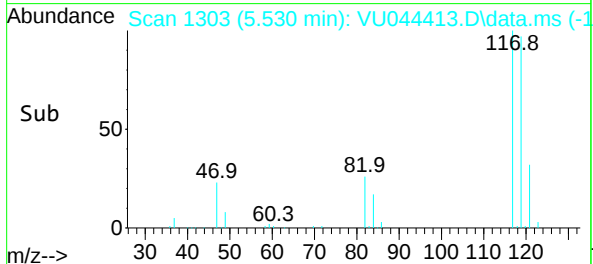
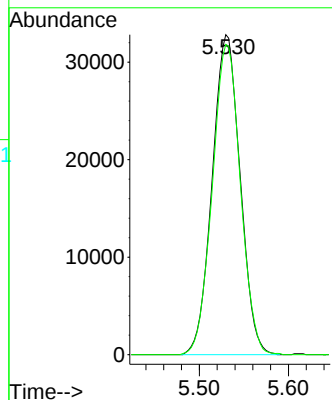
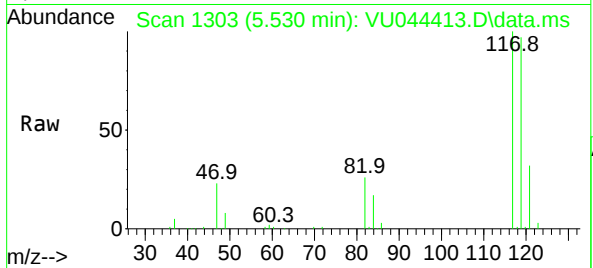




#31
Carbon tetrachloride
Concen: 4.943 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

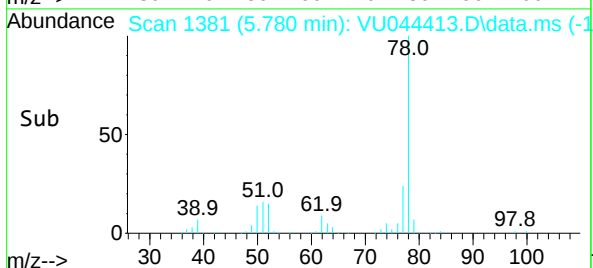
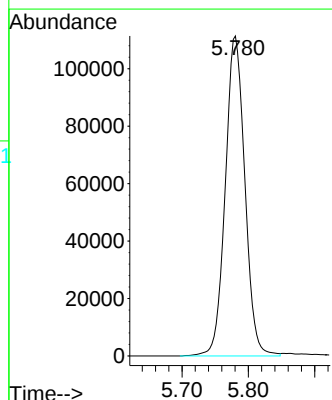
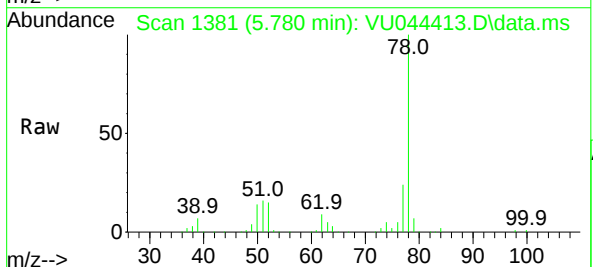
Instrument :
MSVOA_U
ClientSampled :

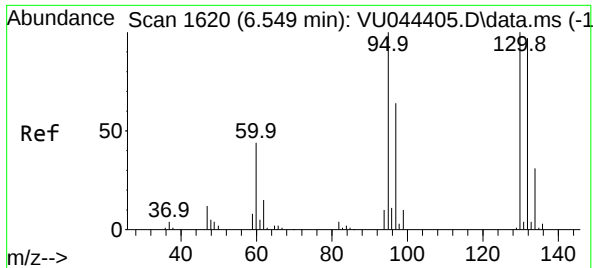
Tgt Ion:117 Resp: 71511
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6



#33
Benzene
Concen: 4.712 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 78 Resp: 228394





#34

Trichloroethene

Concen: 4.933 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion: 95 Resp: 59797

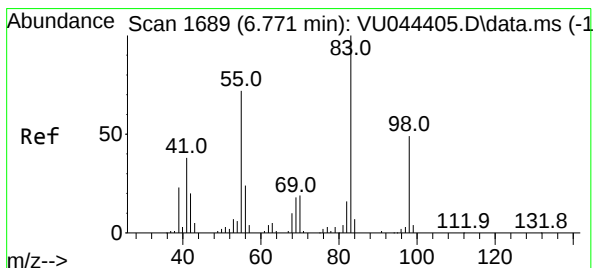
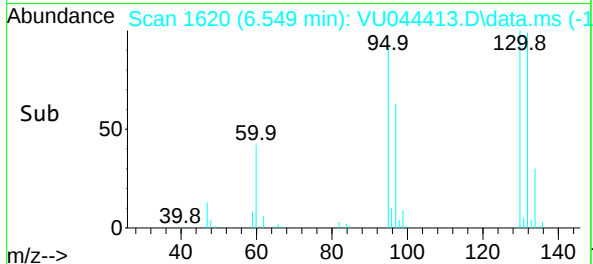
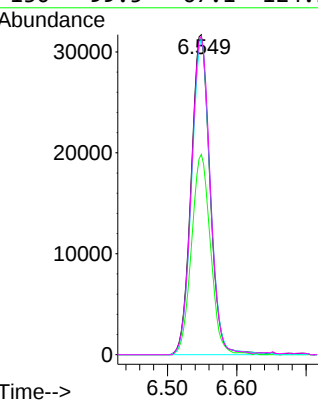
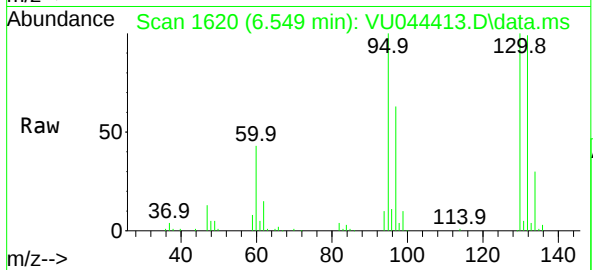
Ion Ratio Lower Upper

95 100

97 62.6 45.4 84.4

132 99.0 64.8 120.4

130 99.5 67.1 124.5



#35

Methylcyclohexane

Concen: 4.267 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. -0.003 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

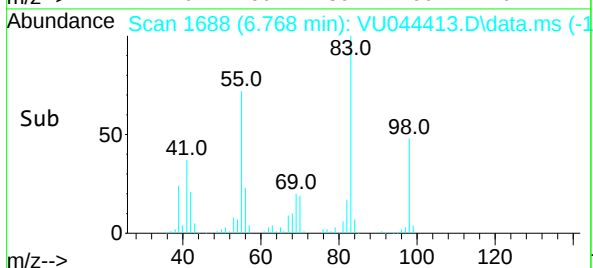
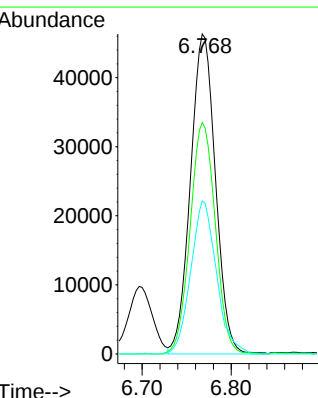
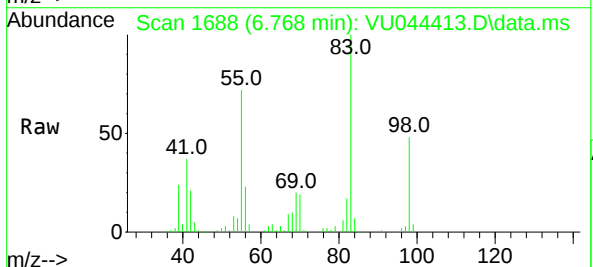
Tgt Ion: 83 Resp: 90264

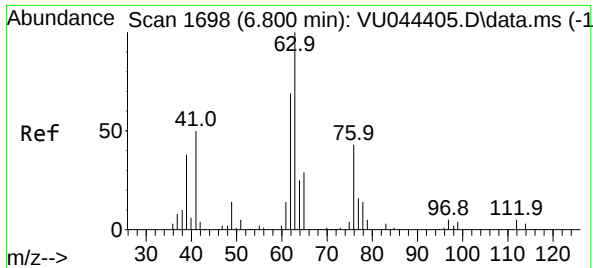
Ion Ratio Lower Upper

83 100

55 72.8 61.4 92.0

98 49.1 38.2 57.2



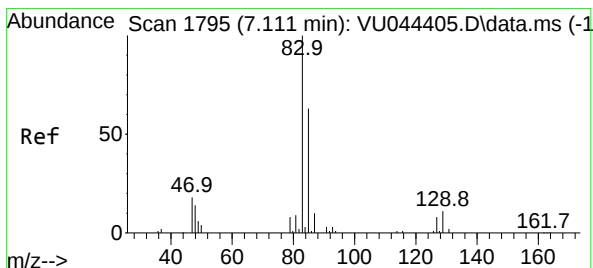
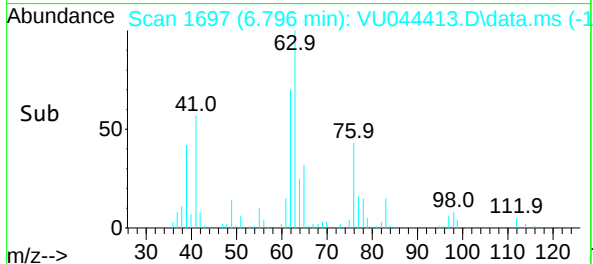
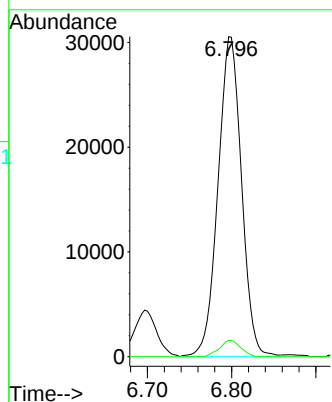
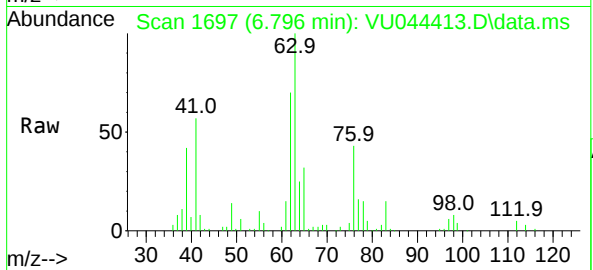


#37

1,2-Dichloropropane
Concen: 4.785 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampled :

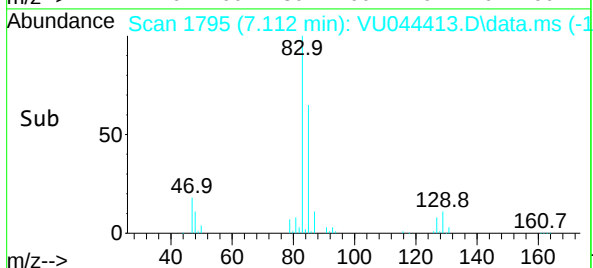
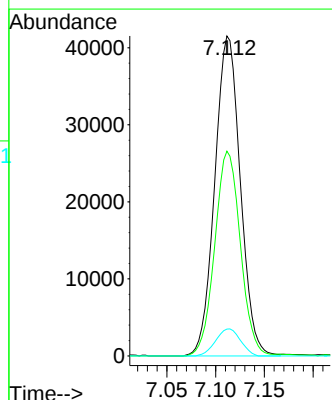
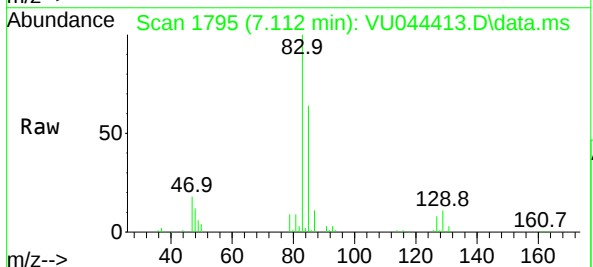
Tgt Ion: 63 Resp: 59102
Ion Ratio Lower Upper
63 100
112 4.6 3.2 4.8

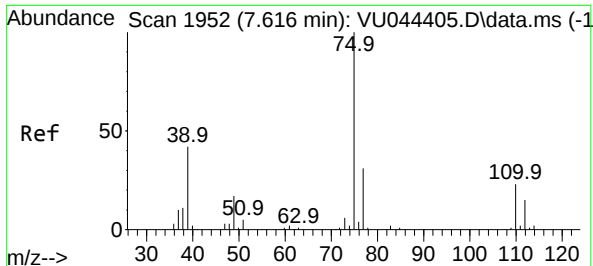


#38

Bromodichloromethane
Concen: 5.068 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 83 Resp: 75799
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.6
127 8.4 6.6 10.0



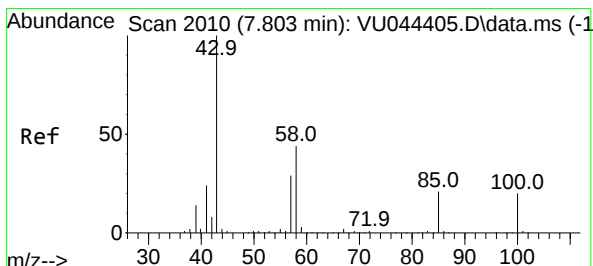
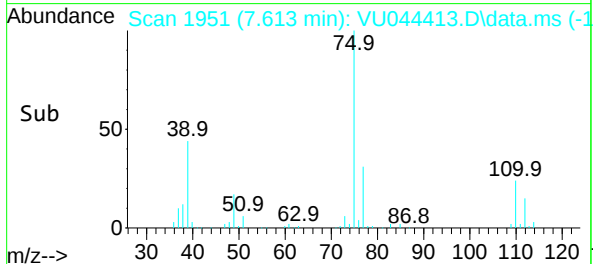
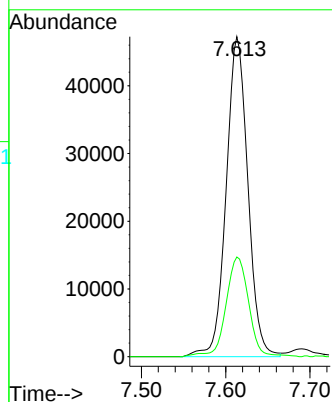
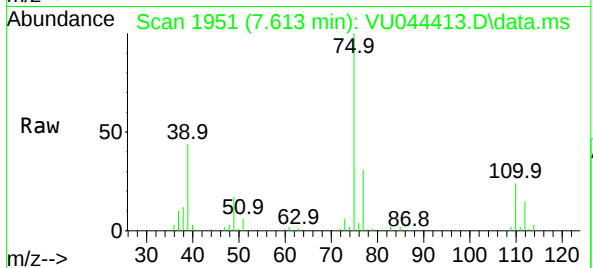


#39

cis-1,3-Dichloropropene
Concen: 4.700 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampled :

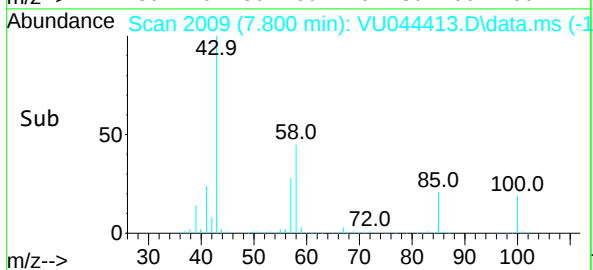
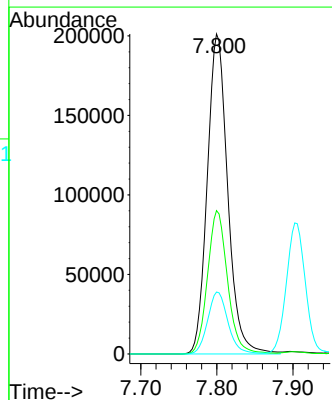
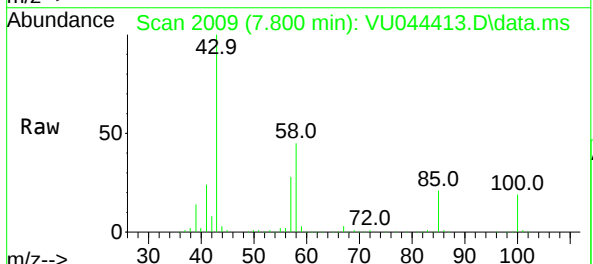
Tgt Ion: 75 Resp: 84490
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.5

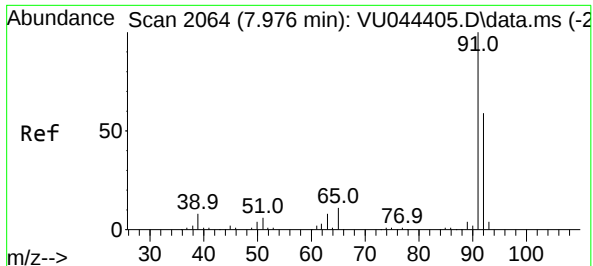


#40

4-Methyl-2-pentanone
Concen: 43.398 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 43 Resp: 376153
Ion Ratio Lower Upper
43 100
58 43.9 34.6 52.0
100 19.2 13.9 20.9

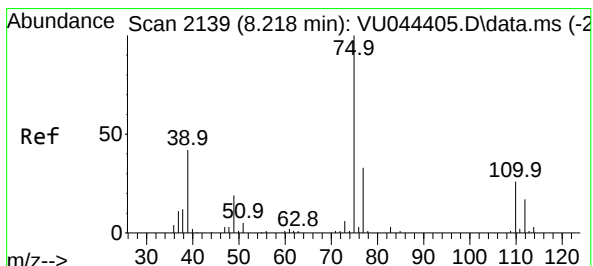
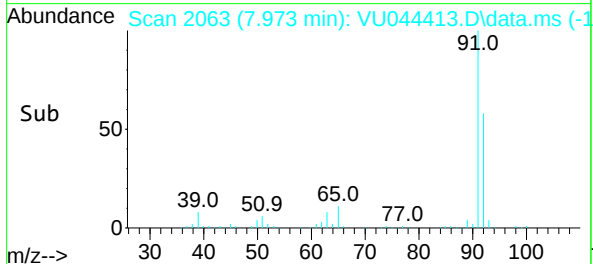
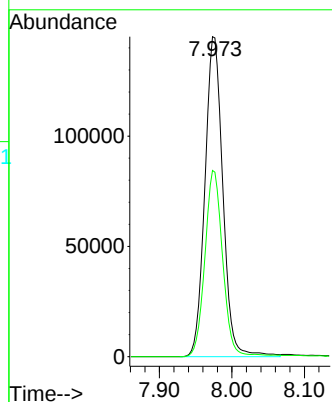
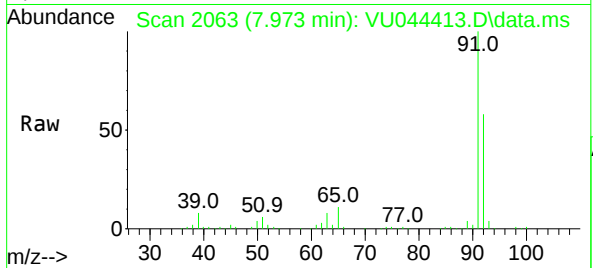




#42
Toluene
Concen: 4.927 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

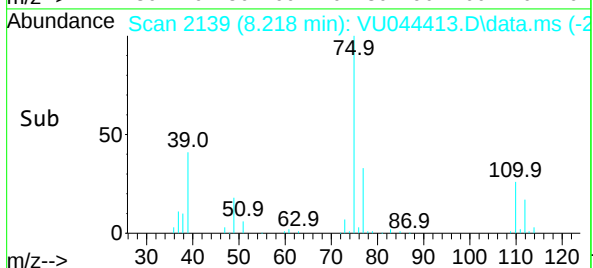
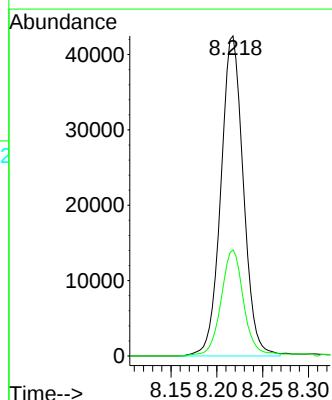
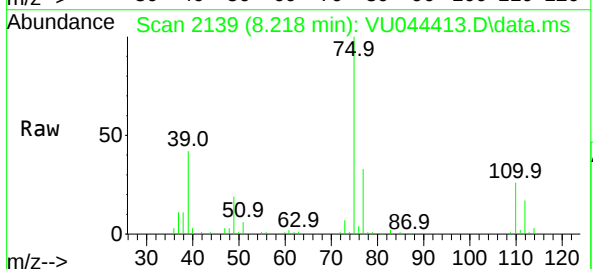
Instrument :
MSVOA_U
ClientSampled :

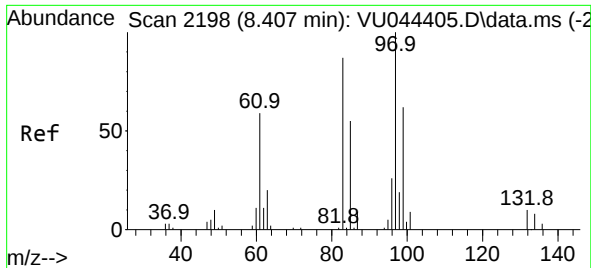
Tgt Ion: 91 Resp: 249791
Ion Ratio Lower Upper
91 100
92 58.2 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.737 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 75 Resp: 72438
Ion Ratio Lower Upper
75 100
77 33.1 22.5 41.7

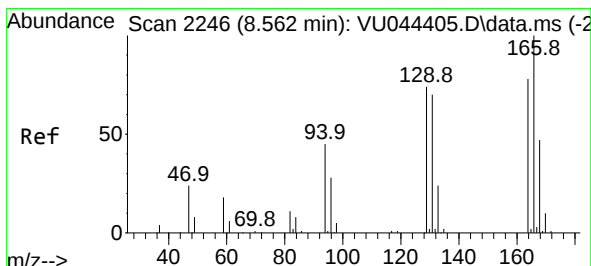
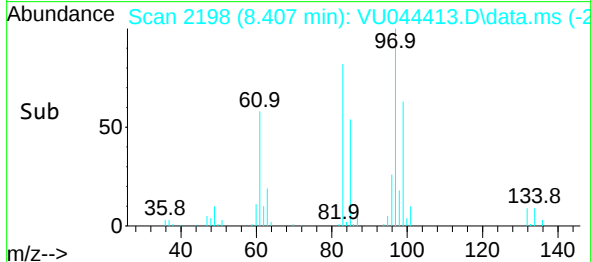
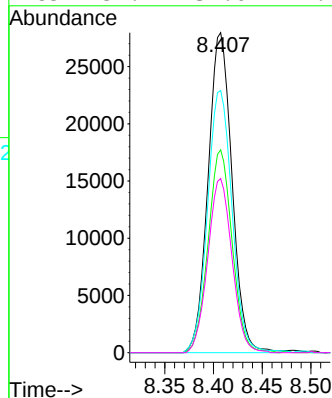
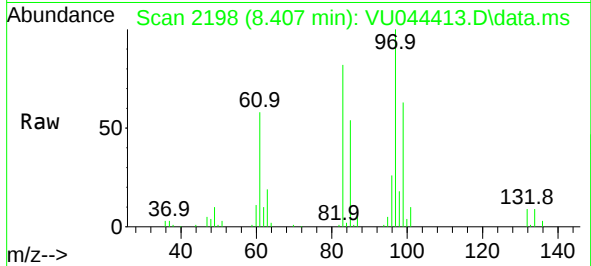




#45
1,1,2-Trichloroethane
Concen: 5.217 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

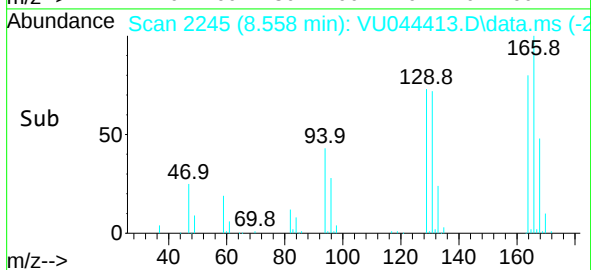
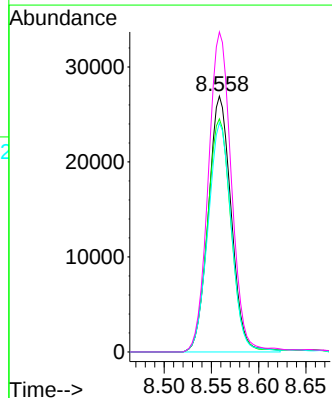
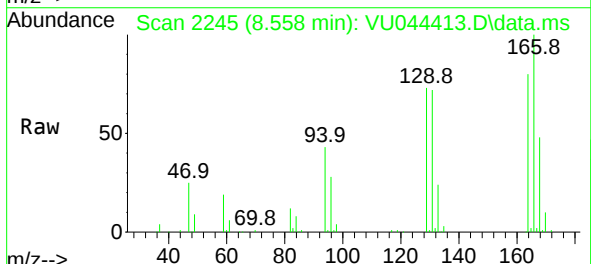
Instrument :
MSVOA_U
ClientSampleId :

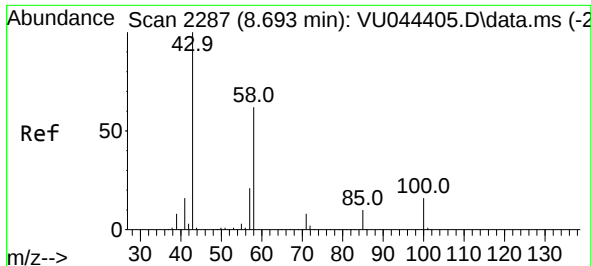
Tgt Ion:	97	Resp:	47827
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.0	81.6
83	82.0	62.2	115.4
85	54.4	39.0	72.4



#47
Tetrachloroethene
Concen: 5.103 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

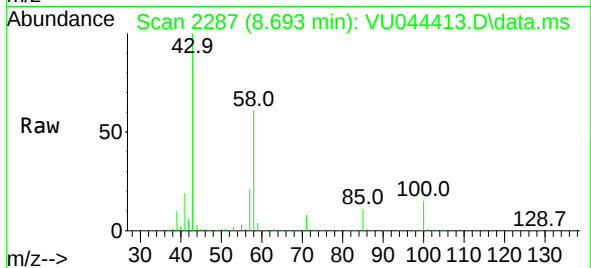
Tgt Ion:	164	Resp:	45421
Ion	Ratio	Lower	Upper
164	100		
129	91.1	67.8	126.0
131	89.6	64.7	120.1
166	125.1	87.6	162.6





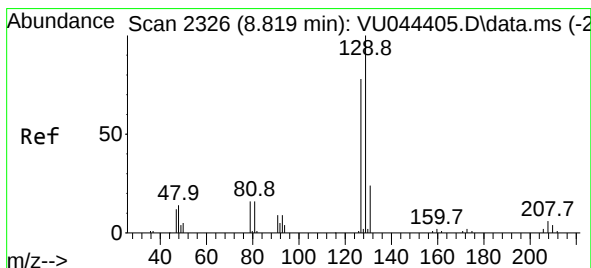
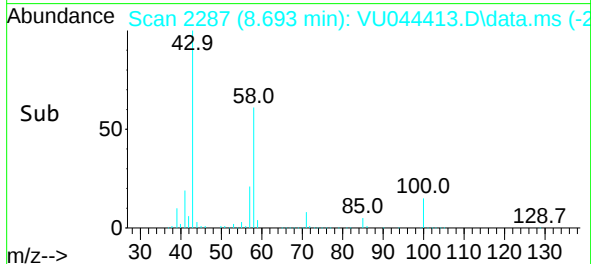
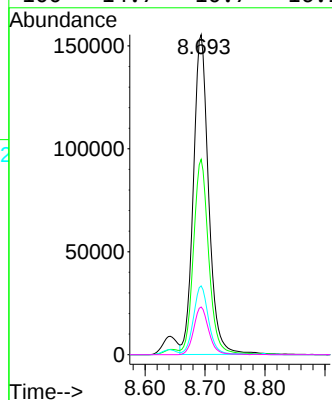
#48
2-Hexanone
Concen: 43.941 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 275374

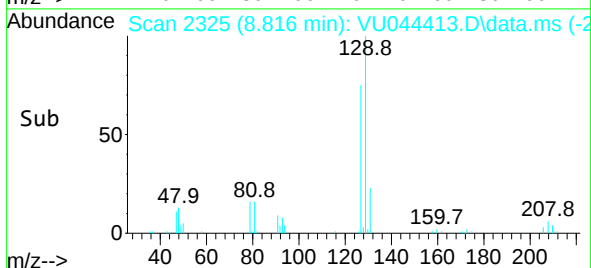
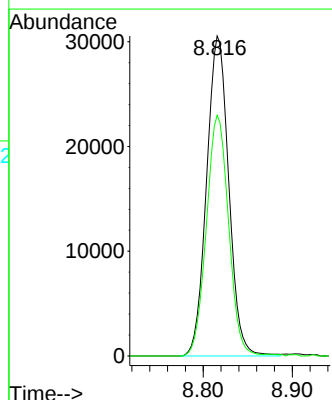
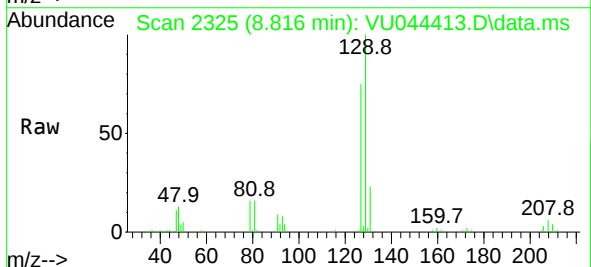
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.3	70.9
57	21.1	16.6	24.8
100	14.7	10.7	16.1

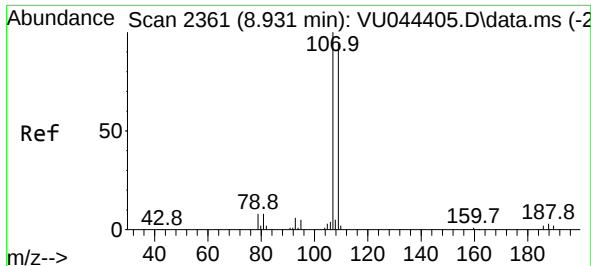


#49
Dibromochloromethane
Concen: 5.382 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 129 Resp: 52668

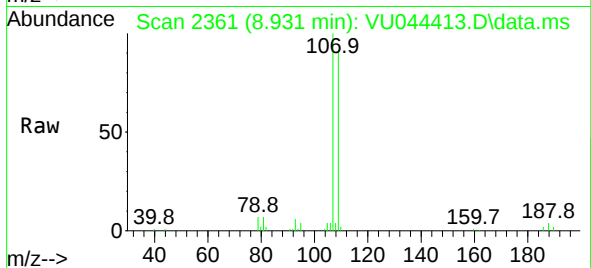
Ion	Ratio	Lower	Upper
129	100		
127	75.2	56.4	104.8



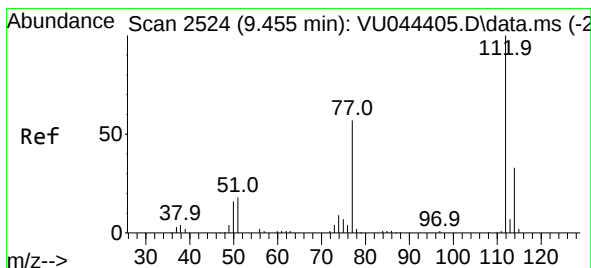
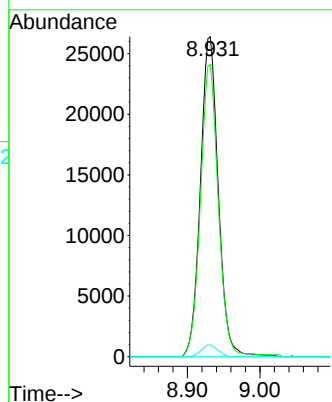
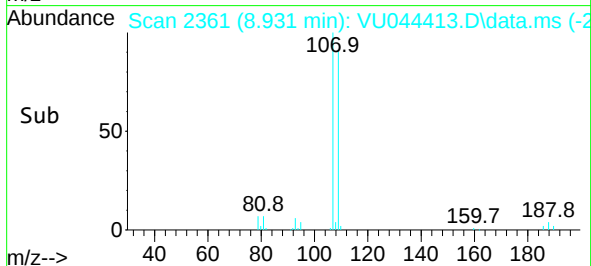


#50
1,2-Dibromoethane
Concen: 5.072 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

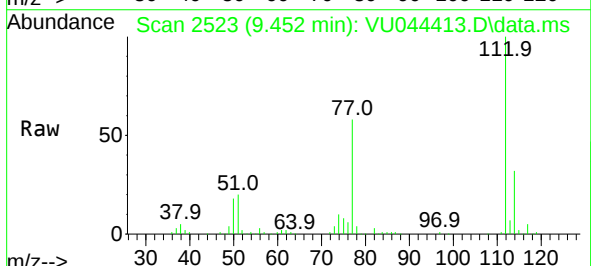
Instrument :
MSVOA_U
ClientSampleId :



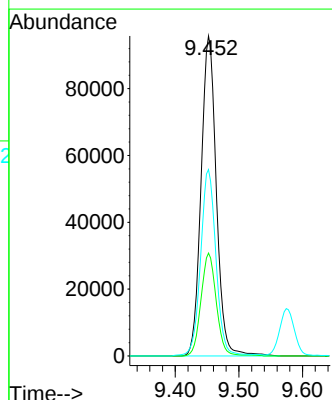
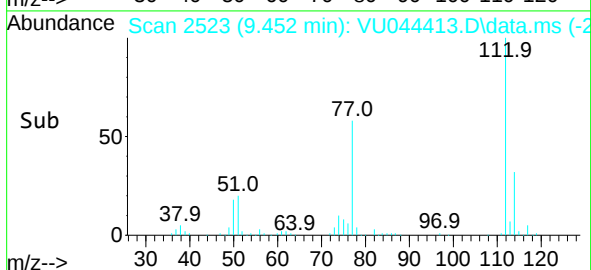
Tgt Ion:107 Resp: 45085
Ion Ratio Lower Upper
107 100
109 91.3 66.0 122.6
188 3.7 2.8 4.2

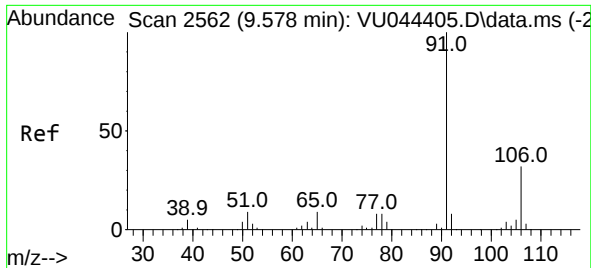


#51
Chlorobenzene
Concen: 5.098 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24



Tgt Ion:112 Resp: 159949
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 58.2 48.9 73.3

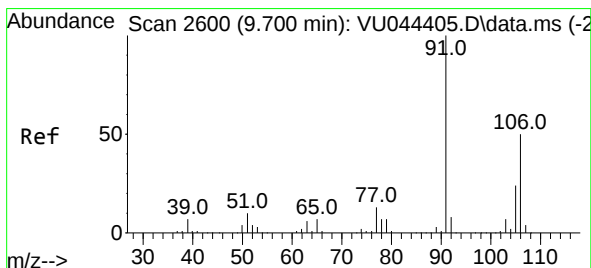
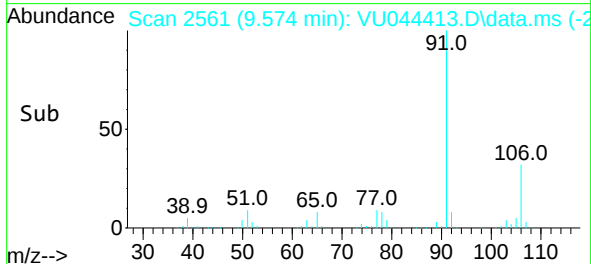
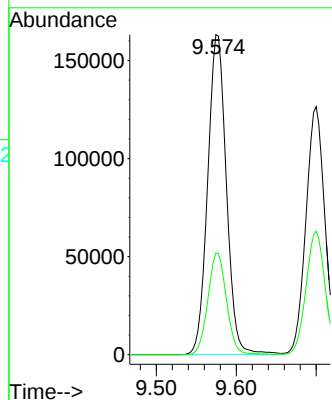
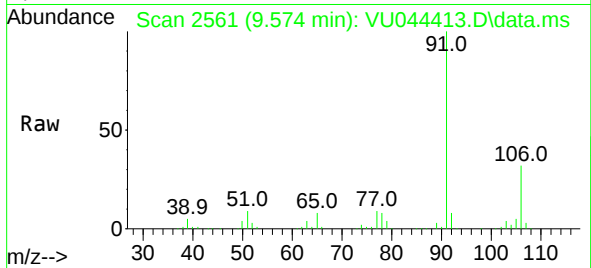




#52
Ethylbenzene
Concen: 4.924 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

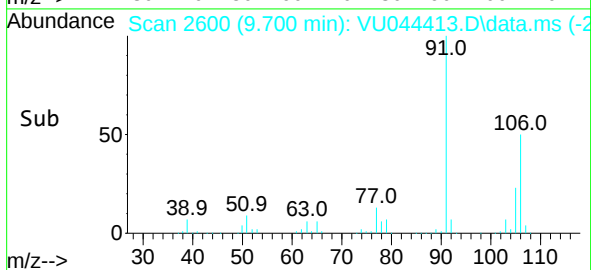
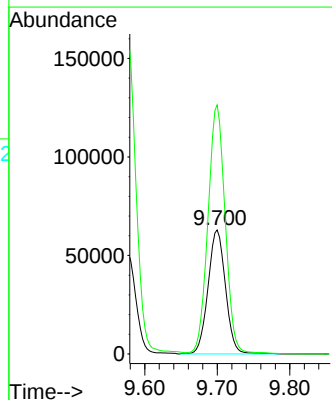
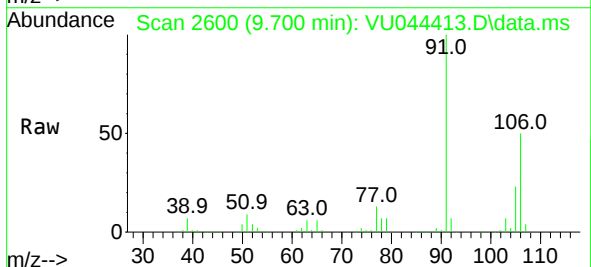
Instrument :
MSVOA_U
ClientSampled :

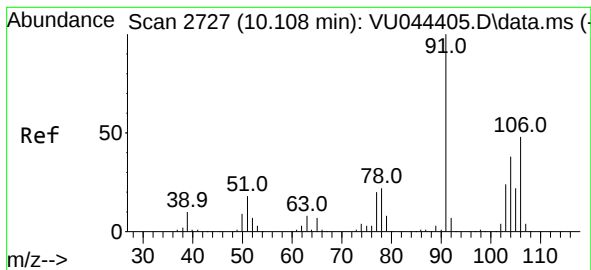
Tgt Ion: 91 Resp: 265933
Ion Ratio Lower Upper
91 100
106 31.7 20.9 38.9



#53
m,p-Xylene
Concen: 5.050 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion: 106 Resp: 105483
Ion Ratio Lower Upper
106 100
91 201.0 144.1 267.5





#54

o-Xylene

Concen: 5.053 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.003 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion:106 Resp: 102773

Ion Ratio Lower Upper

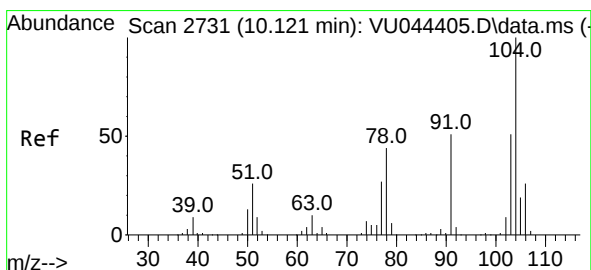
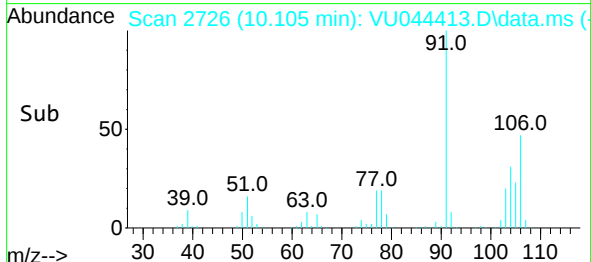
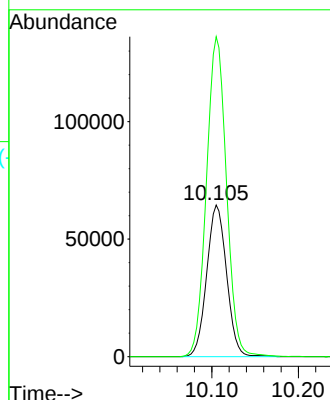
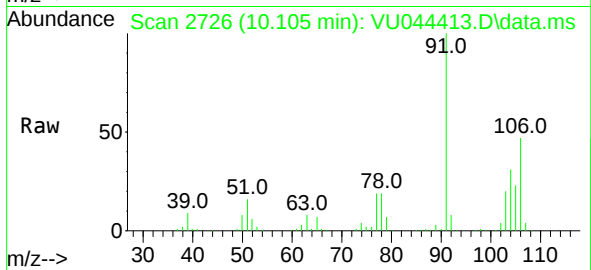
106 100

91 211.1 151.0 280.4

Instrument :

MSVOA_U

ClientSampled :



#55

Styrene

Concen: 5.038 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.003 min

Lab File: VU044413.D

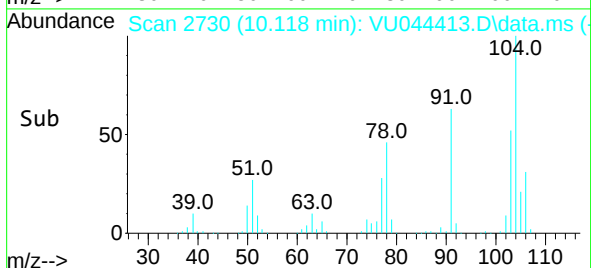
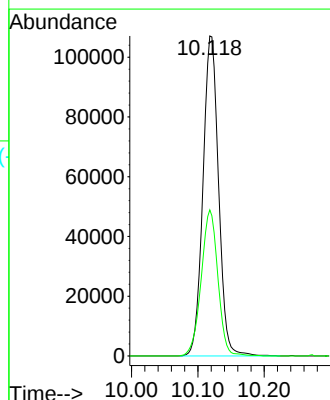
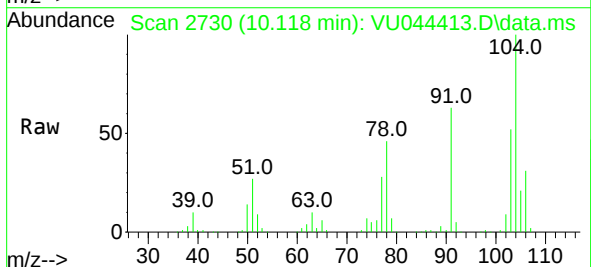
Acq: 10 Aug 2021 15:24

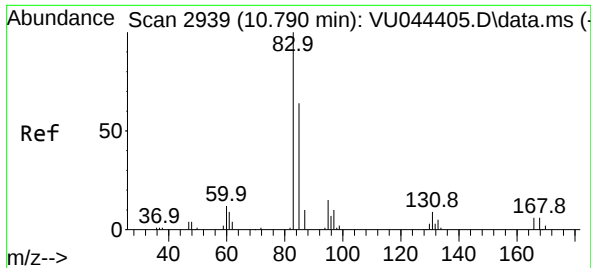
Tgt Ion:104 Resp: 175298

Ion Ratio Lower Upper

104 100

78 45.7 32.1 59.5

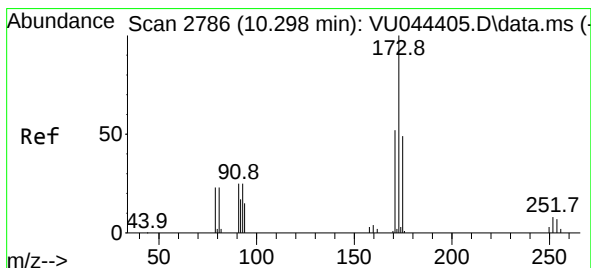
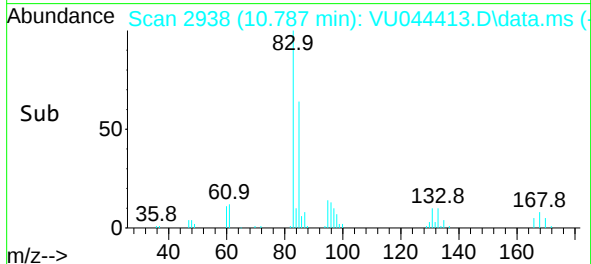
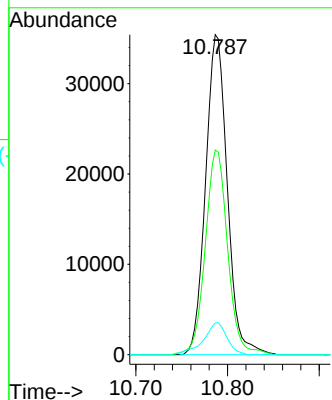
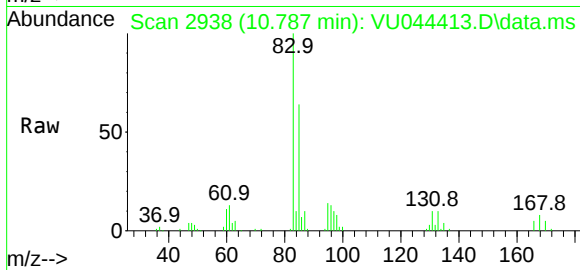




#57
1,1,2,2-Tetrachloroethane
Concen: 4.830 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

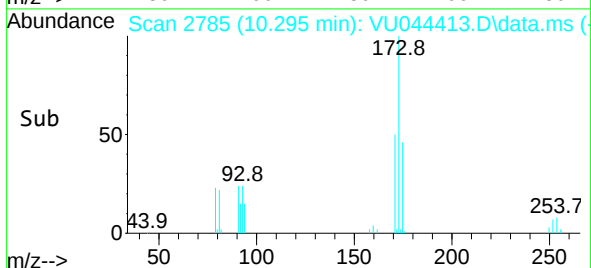
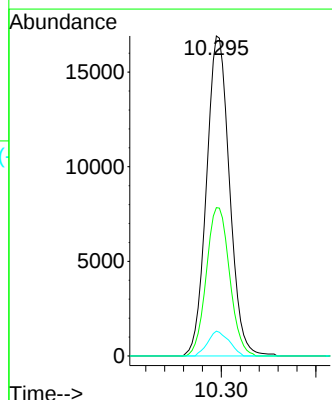
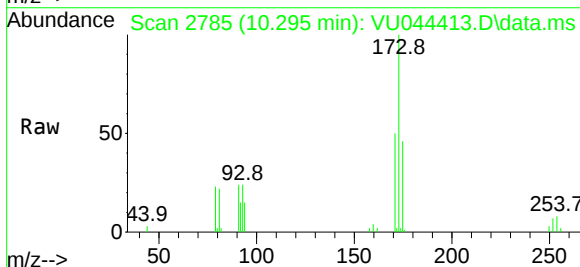
Instrument :
MSVOA_U
ClientSampled :

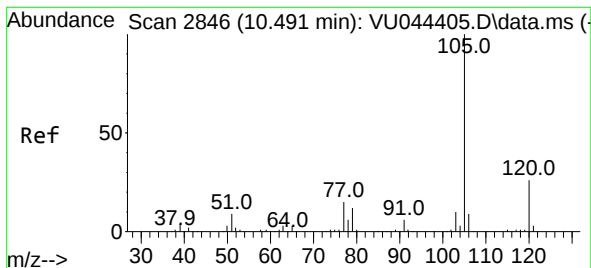
Tgt Ion: 83 Resp: 58199
Ion Ratio Lower Upper
83 100
85 64.0 43.4 80.6
131 9.9 6.6 9.8#



#59
Bromoform
Concen: 5.292 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion:173 Resp: 28517
Ion Ratio Lower Upper
173 100
175 47.0 38.6 57.8
254 7.2 5.4 8.2





#60

Isopropylbenzene

Concen: 4.959 ug/L

RT: 10.491 min Scan# 2846

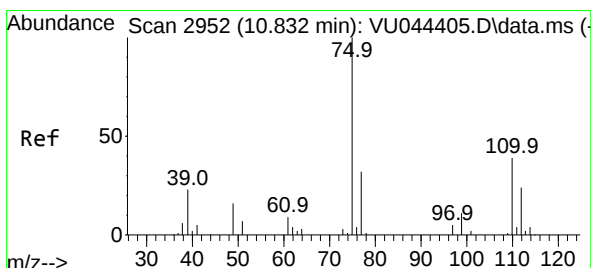
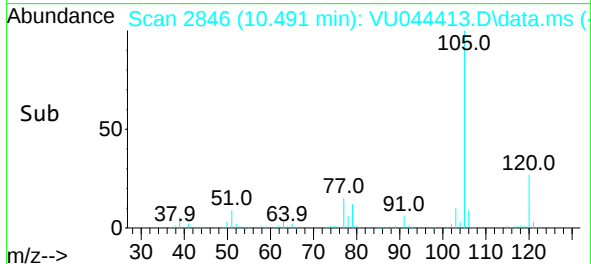
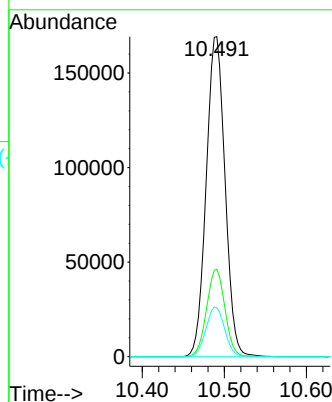
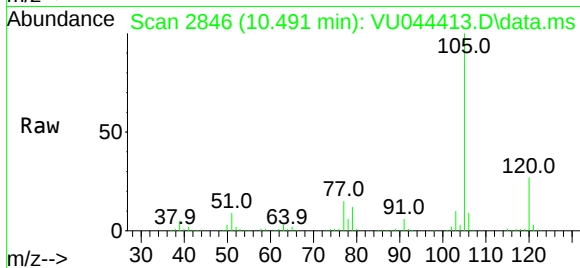
Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion:105 Resp: 269504

Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.7	31.1
77	15.6	12.7	19.1



#61

1,2,3-Trichloropropane

Concen: 4.624 ug/L

RT: 10.828 min Scan# 2951

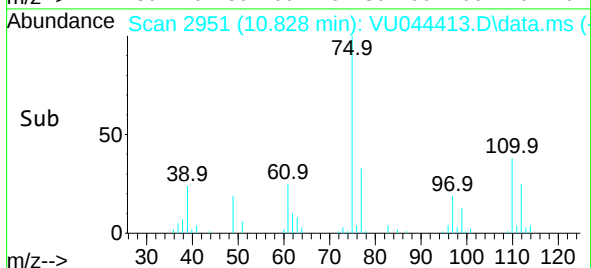
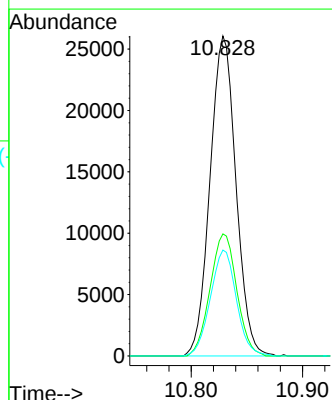
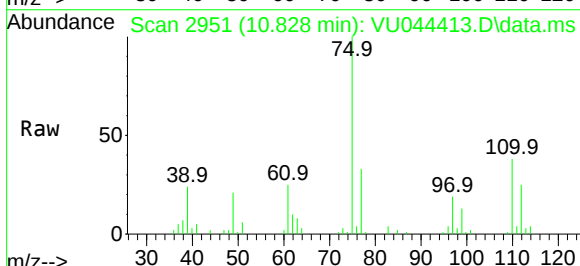
Delta R.T. -0.003 min

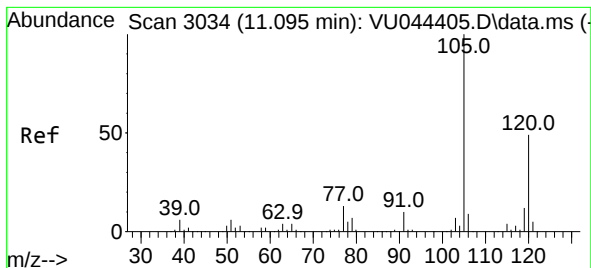
Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

Tgt Ion: 75 Resp: 42123

Ion	Ratio	Lower	Upper
75	100		
110	39.3	30.2	45.2
77	33.3	26.2	39.2

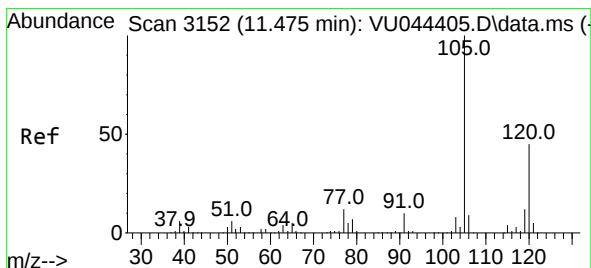
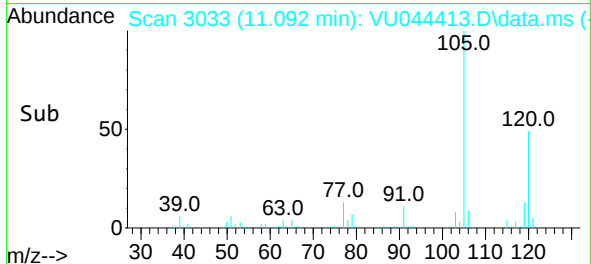
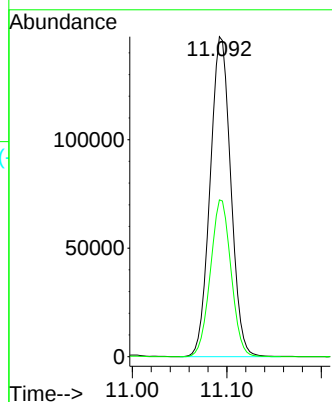
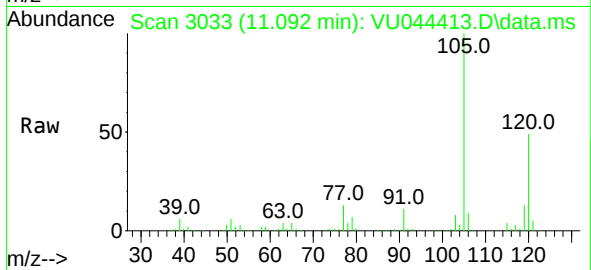




#62
1,3,5-Trimethylbenzene
Concen: 4.913 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

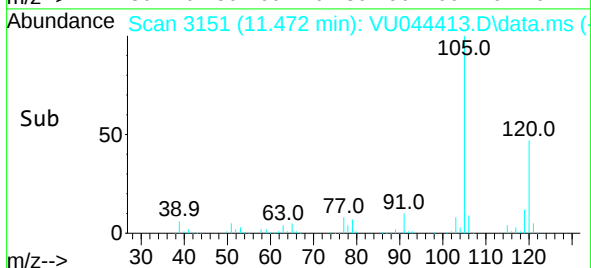
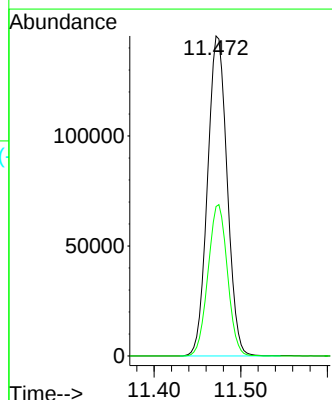
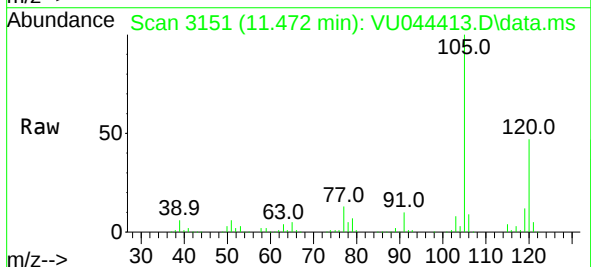
Instrument :
MSVOA_U
ClientSampleId :

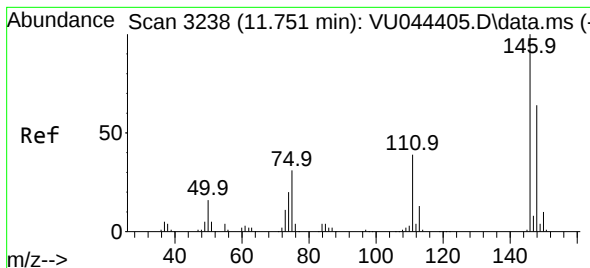
Tgt Ion:105 Resp: 223651
Ion Ratio Lower Upper
105 100
120 49.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 4.895 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion:105 Resp: 228627
Ion Ratio Lower Upper
105 100
120 46.9 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.113 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. 0.000 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

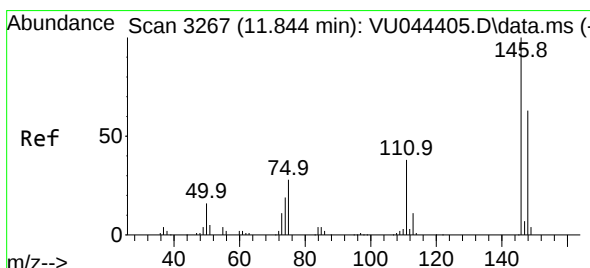
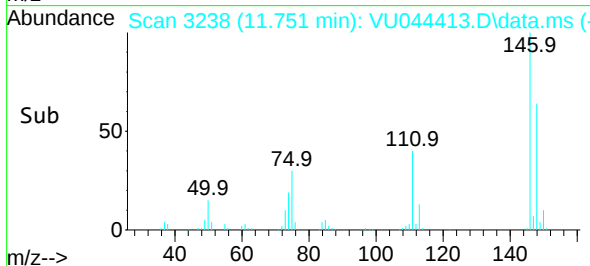
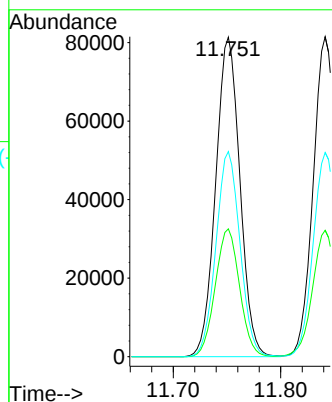
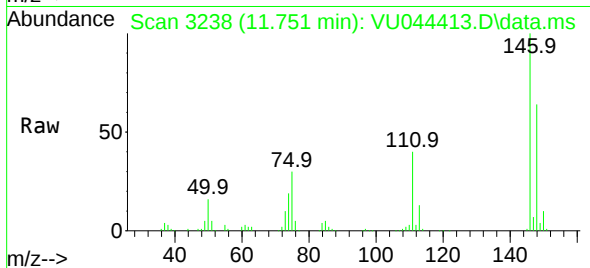
Tgt Ion:146 Resp: 127258

Ion Ratio Lower Upper

146 100

111 40.0 29.5 54.7

148 64.2 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 5.010 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. -0.003 min

Lab File: VU044413.D

Acq: 10 Aug 2021 15:24

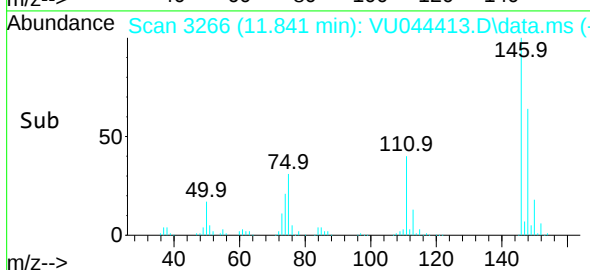
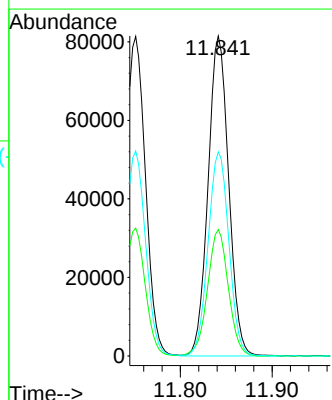
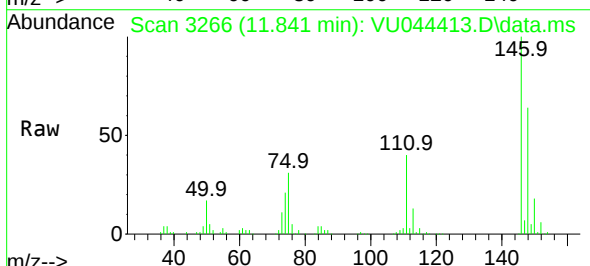
Tgt Ion:146 Resp: 127095

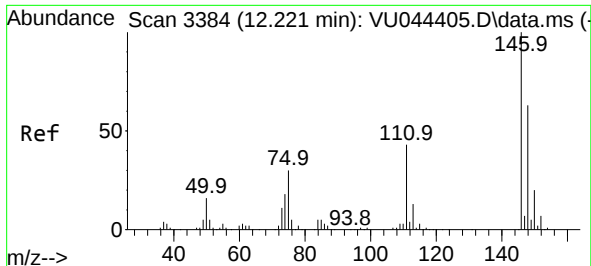
Ion Ratio Lower Upper

146 100

111 39.5 28.8 53.4

148 63.8 44.9 83.3

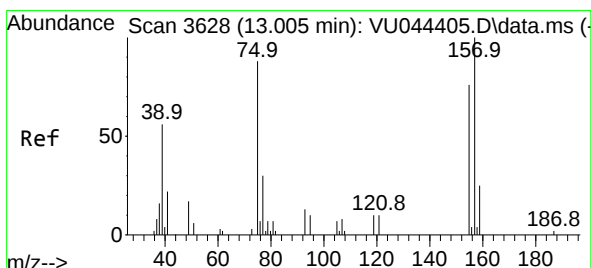
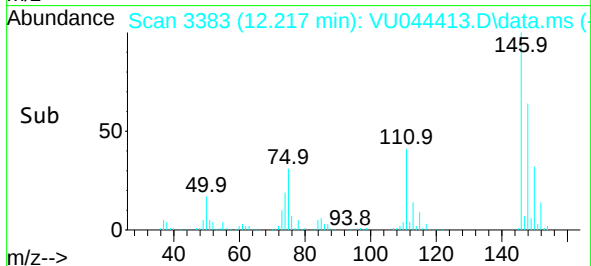
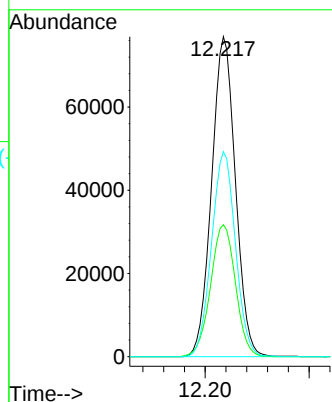
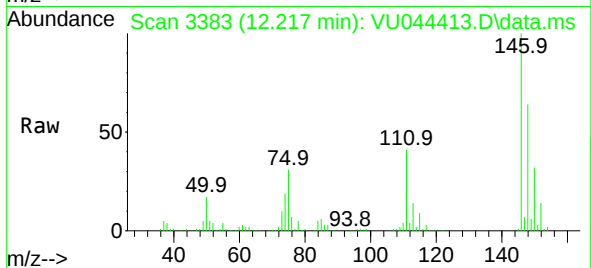




#67
1,2-Dichlorobenzene
Concen: 5.108 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

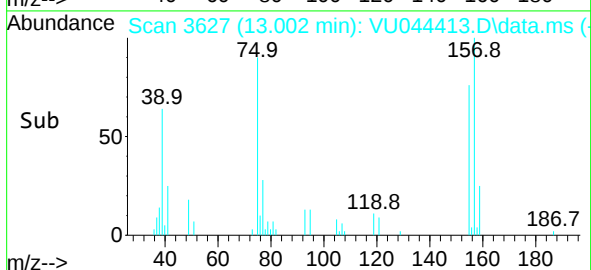
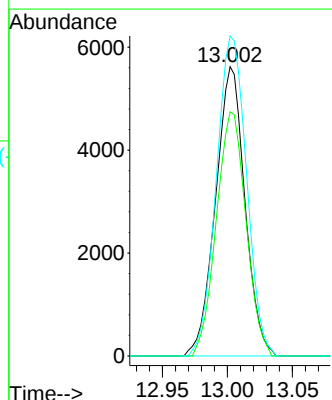
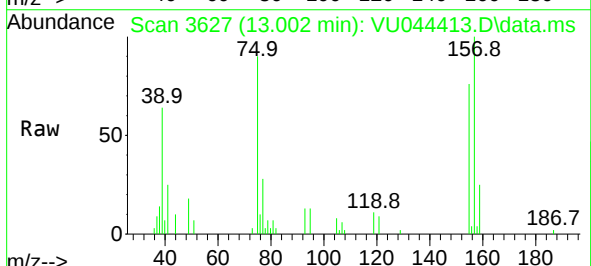
Instrument :
MSVOA_U
ClientSampleId :

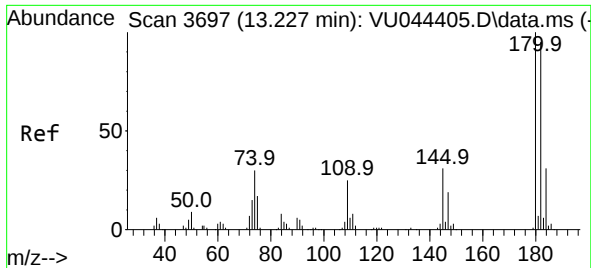
Tgt Ion:146 Resp: 122404
Ion Ratio Lower Upper
146 100
111 41.3 35.1 52.7
148 64.1 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.474 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

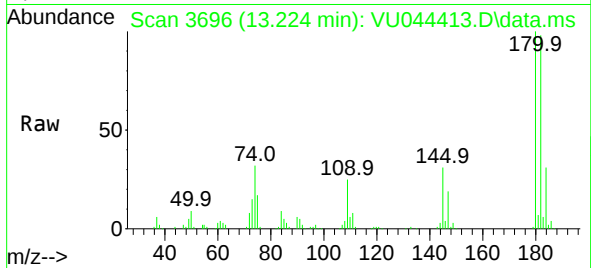
Tgt Ion: 75 Resp: 8817
Ion Ratio Lower Upper
75 100
155 84.4 63.2 94.8
157 110.6 85.8 128.6



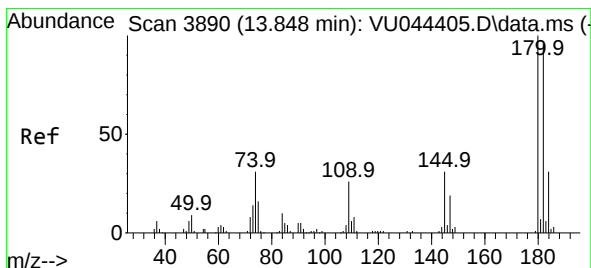
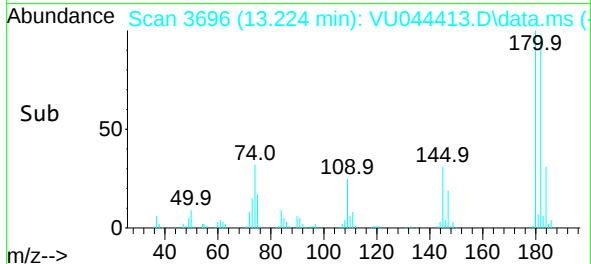
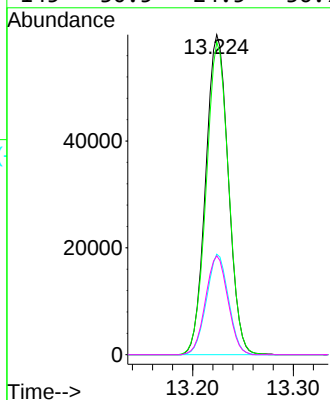


#69
1,3,5-Trichlorobenzene
Concen: 5.024 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :

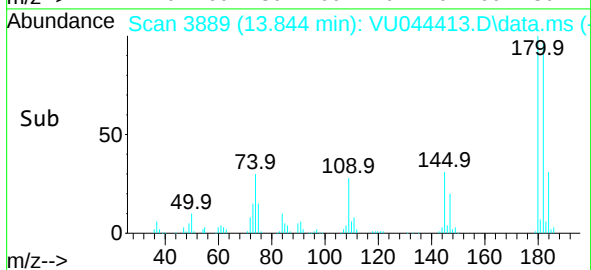
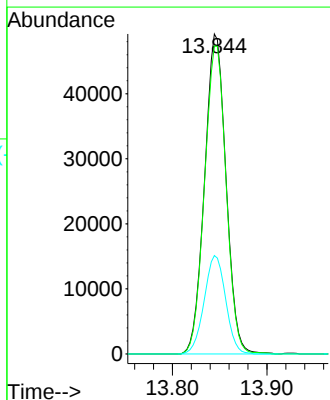
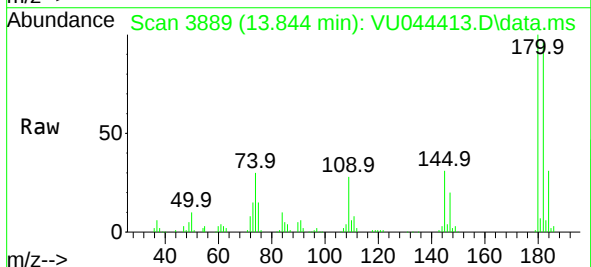


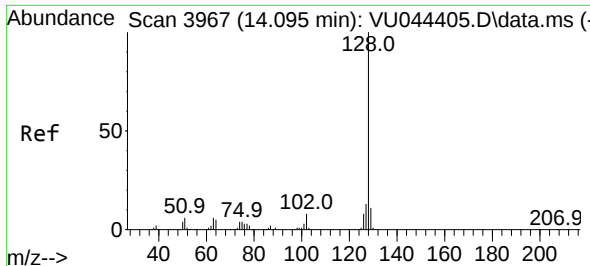
Tgt Ion:180 Resp: 93400
Ion Ratio Lower Upper
180 100
182 96.5 75.6 113.4
184 30.6 23.8 35.6
145 30.5 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 4.923 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

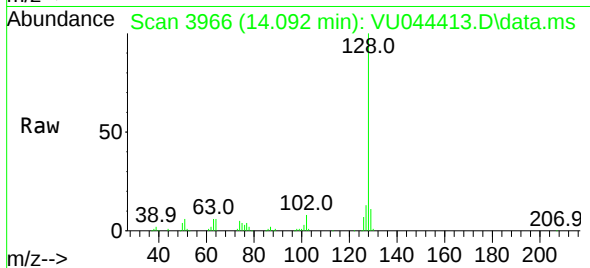
Tgt Ion:180 Resp: 77480
Ion Ratio Lower Upper
180 100
182 97.0 76.3 114.5
145 30.7 24.7 37.1



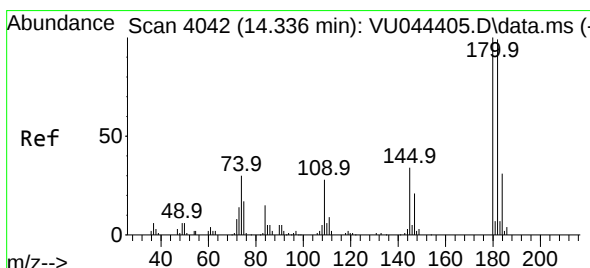
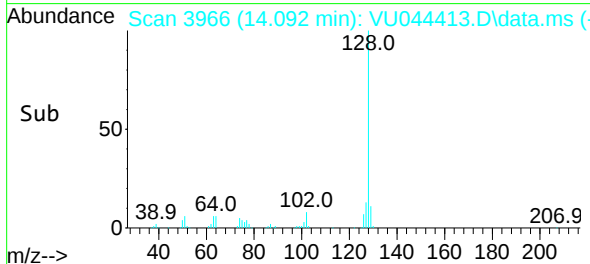
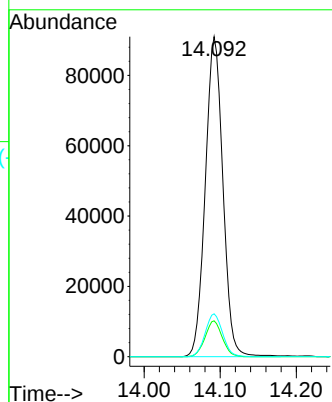


#71
Naphthalene
Concen: 4.726 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 146095
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.252 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044413.D
Acq: 10 Aug 2021 15:24

Tgt Ion:180 Resp: 74918
Ion Ratio Lower Upper
180 100
182 94.7 76.6 115.0
145 32.0 27.0 40.4

